New Solution For Encoding Embroidery Machine User's Manual
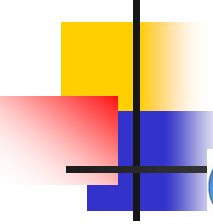
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Main Content

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- Differences between New Solution and Old One
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- How to Prevent Other People from Encoding My Machine
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Usage of New Encoding Solution

- In the market operation, the manufacturers (or agents) usually use the installment payment for promotion. For the clients lacking the start fund, it is possible for them to use fewer capital to start the project in the beginning. And they can pay for their machines step by step in future.

- If user pays in full at buying the machine, he can use it without limitation within the machine's serving time; if the user decides to buy machine by installment, the manufacturer (or agent) will set the installment code on the machine according to the agreed installment method. During the usage of machine , if user fails to pay in accordance with the contract, the machine will be locked at the set time, thus protects the benefit of manufacturers (or agents).

- This new encoding solution is to completely hand over the management on the encoding /decoding of machine to the manufacturers (or agents).

# Differences between New Solution and Old One

- Character of Old Solution：

1. Input code at computer. In this way, user has to record the password manually, which is hard for management and easy to have mistakes. Moreover, because the operator knows the passwords too, the unauthorized decoding is also likely to happen

2. Meanwhile, different manufacturers (or agents) can encode machines of others.

3. If it is unable to decode the machine, user will have to send the mother board to Dahao Company (Or email the encoded file to Dahao Company).

Differences between New Solution and Old One

- Character of New Solution：

1. At encoding, the manufacturers (or agents) only need to set the number of passwords and the activating time instead of password itself ,which is hardly to have mistake.

2. The mechanical information are inputted into the "Payment Password Management System" at PC, which is under the unified control of manufacturers (or agents) and features the good confidentiality.

3. Because the code is created by the System and inputted into embroidery machine, the operators don't know the password. It holds the sound confidentiality.

4. The coded information of all the machines can be checked via the System.

5. The manufacturer (or agent) can only encode his machines.

6. The decoding solution is same to that in Old Solution.

7. The max number of passwords increase from 10 to 32.

Procedure Diagram for Encoding
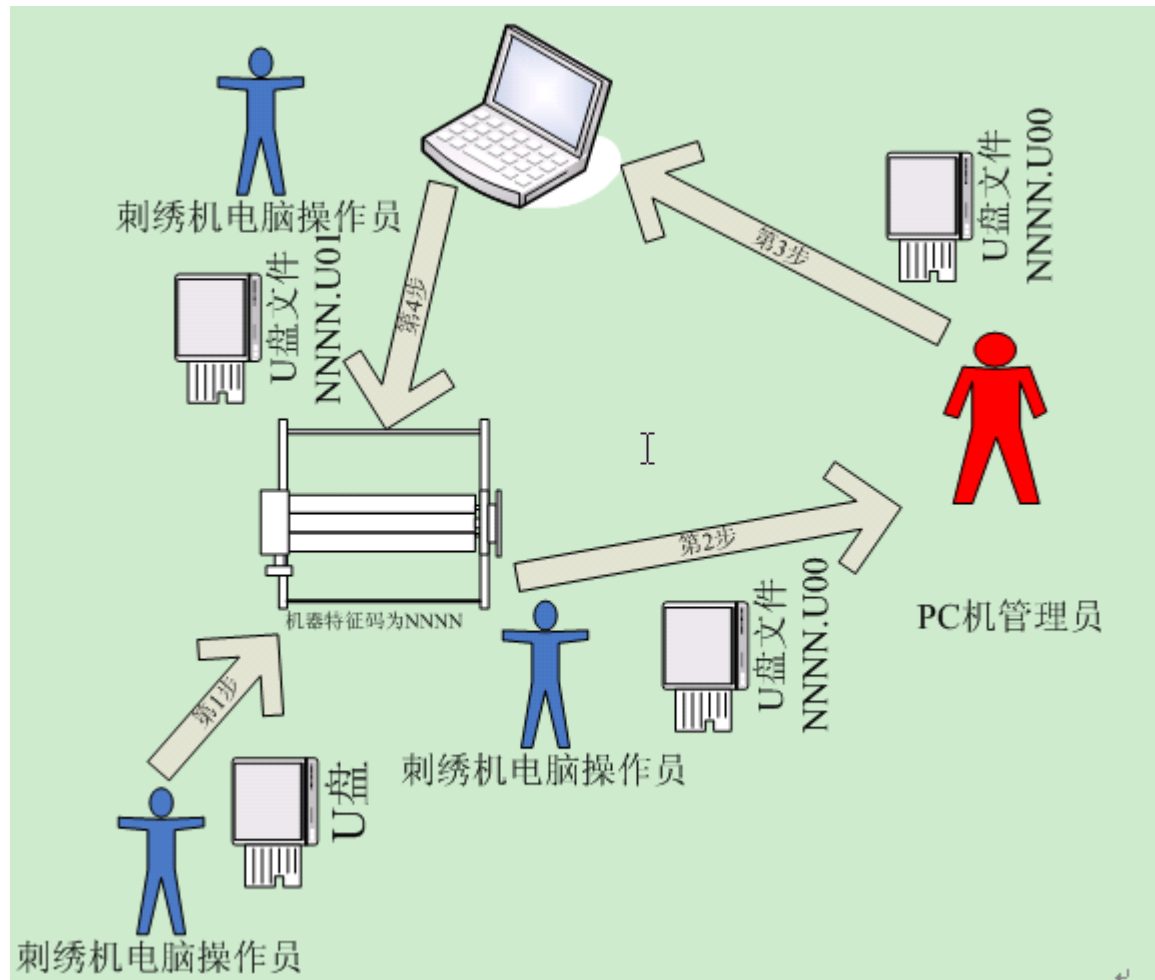
Procedure Diagram for Encoding

- The operator of embroidery machine controller performs the encoding works with a U disk.

- As the unique ID code of embroidery machine, the character code contains 10 figures at most. The machine's information (file) will be saved into the U disk and handed over to the administrator of PC. The name of that file is the 8 figures of the inputted number for mother board attaching U00 as its postfix.

- As the operator of "Payment Password Management System" and the keeper of the machine's code, the administrator of PC needs to input the input the file to the software.

- The software creates the encoded information, whose name is the 8 figures of the inputted number for the mother board attaching U01 as its postfix. This file will be saved into U disk and handed over to the operator of embroidery machine controller.

- When the operator of embroidery machine controller inputs the encoded information into the machine, the encoding task is finished.

Detailed Steps for Encoding

1. The operator of controller needs to have access to encoding interface (exp. Press 0 and ENTER to have access at 316 model) with a U disk. If the machine is not encoded, the system will ask him to input passwords. After inputting the proper passwords, he can have access to the encoding interface. If the machine is encoded, the system will give the window with "PASSWORD N" and Date, where the "N" is for decoding the machine.
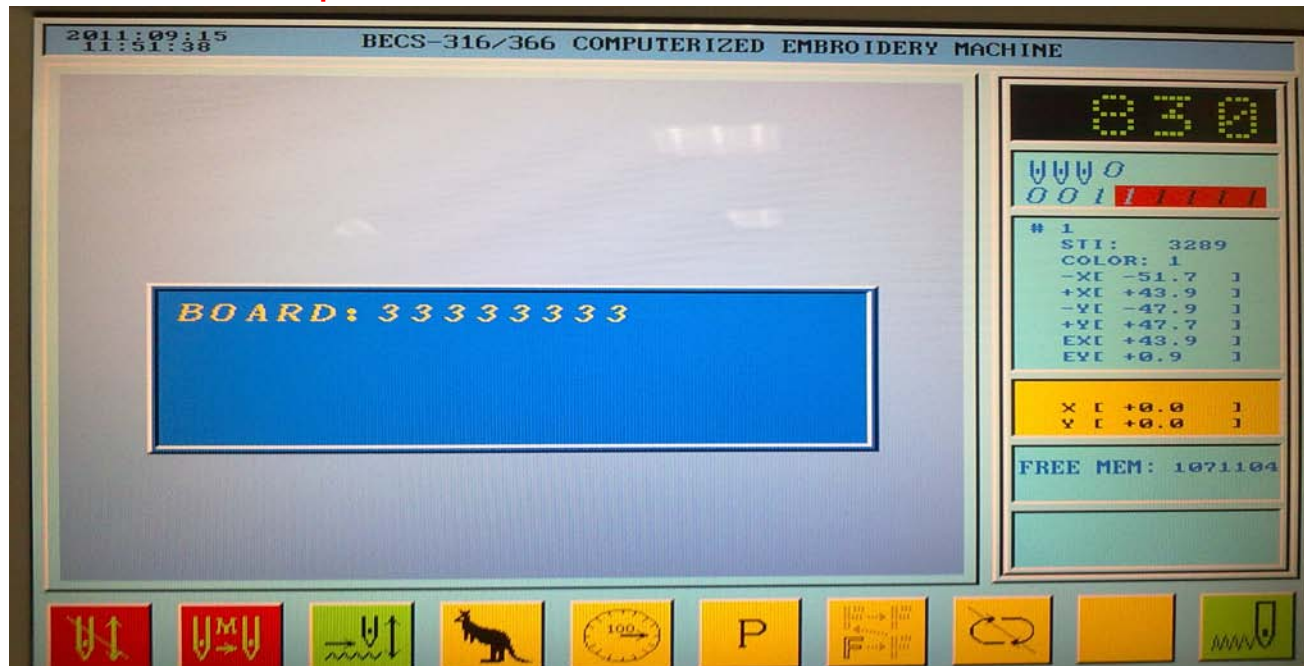
Detailed Steps for Encoding

2. Input the password for entering the encoding interface. This password can be inquired from the manufacturers.
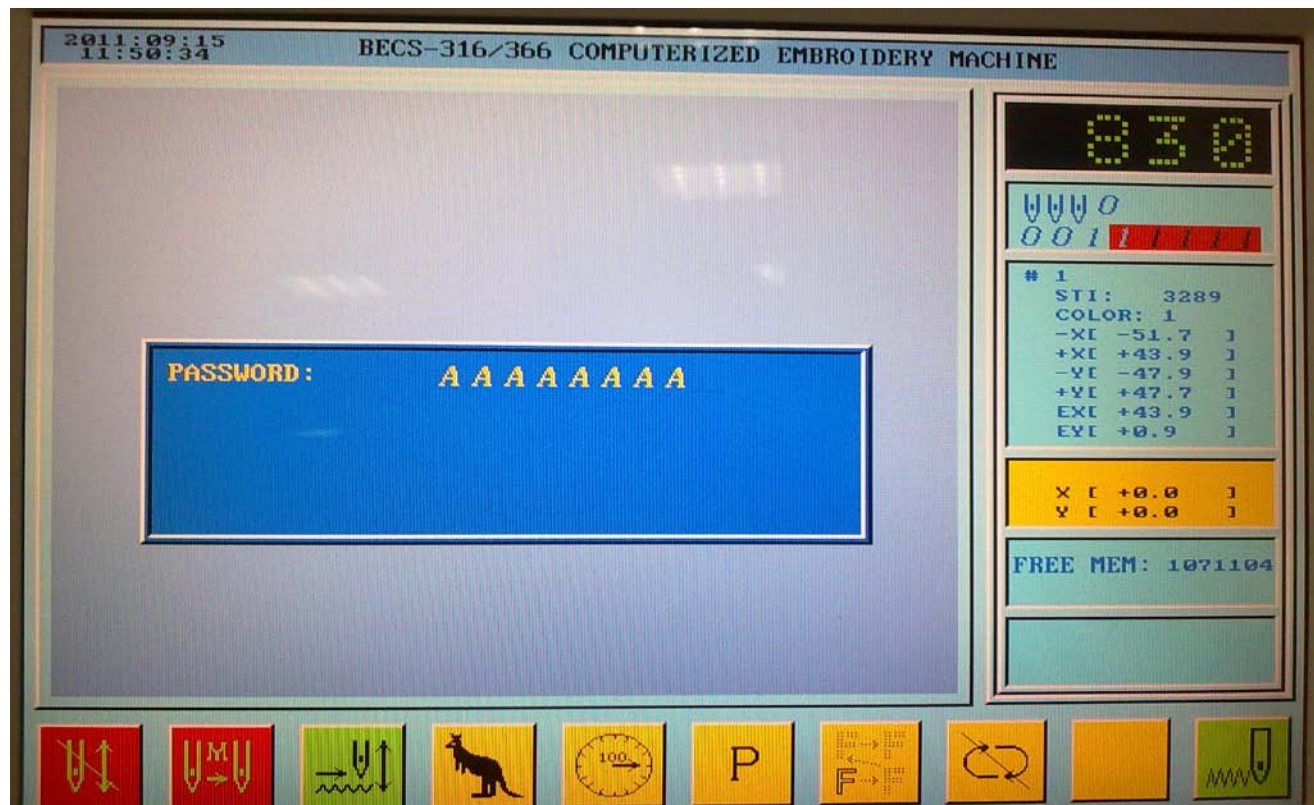
Detailed Steps for Encoding

3. Input the "Board Number", which is identified by the manufacturer for the easy management of the machines. so you can name them as 001,002 and so on. When needing to output the several U00 files of several machines to the U disk at same time, you may have to name them according their serial number. These names will be kept after these files are outputted.

Detailed Steps for Encoding

4. Select the activation data of the first password. This date is the 15th by every 1~12 months from the current month. On that interface, "Manufacturer's ID" and "Character Code" of that mother board are also displayed. The Manufacturer's ID is attached to this payment system originally. For different manufacturers, the IDs are of difference. The Manufacturer's ID of Xingdahao Company is 0. If the manufacturer's ID is different to yours (or this ID is not 0), you will not able to encode the machine. The character code is unique for each mother board, containing at most 10 figures .

➢If you don't want to encode your machine but to protect your mother board (as well as the Manufacturer's ID), you can press ESC and jump to Step 6 without selecting the first password date

➢If you have saved machine 's information, you would also be able to press ESC and jump to Step 6 (then it should be moved to Step 8 by pressing ESC) without selecting the first password date.
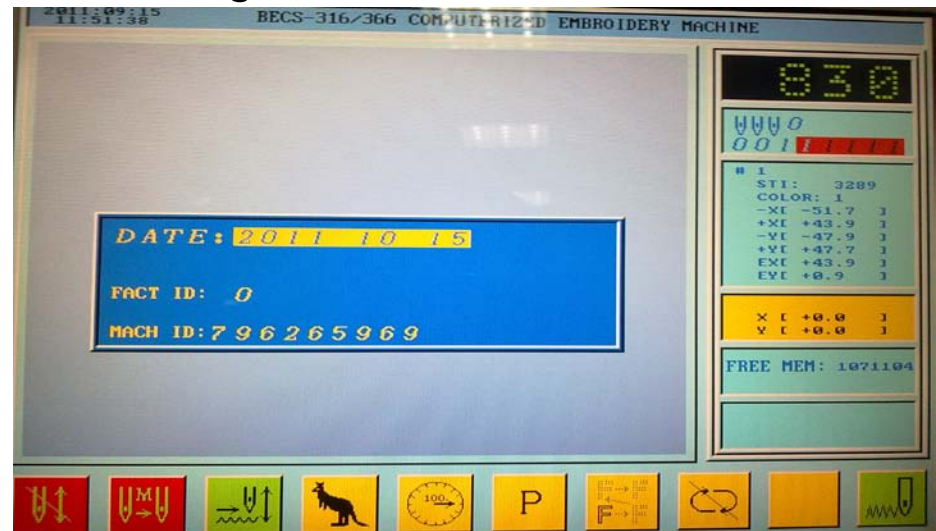
Detailed Steps for Encoding

5. Selection of Date. Select the date as many as you need. (Note: The number of date is equal to that of passwords). Press ESC to cancel the date you don't need.(Note: The number of password is the number of date confirmed by pressing ENTER). For the XX6 and XX8 Model, at most 32 passwords can be set within it, while CX8 can have at most 20 passwords set in itself.
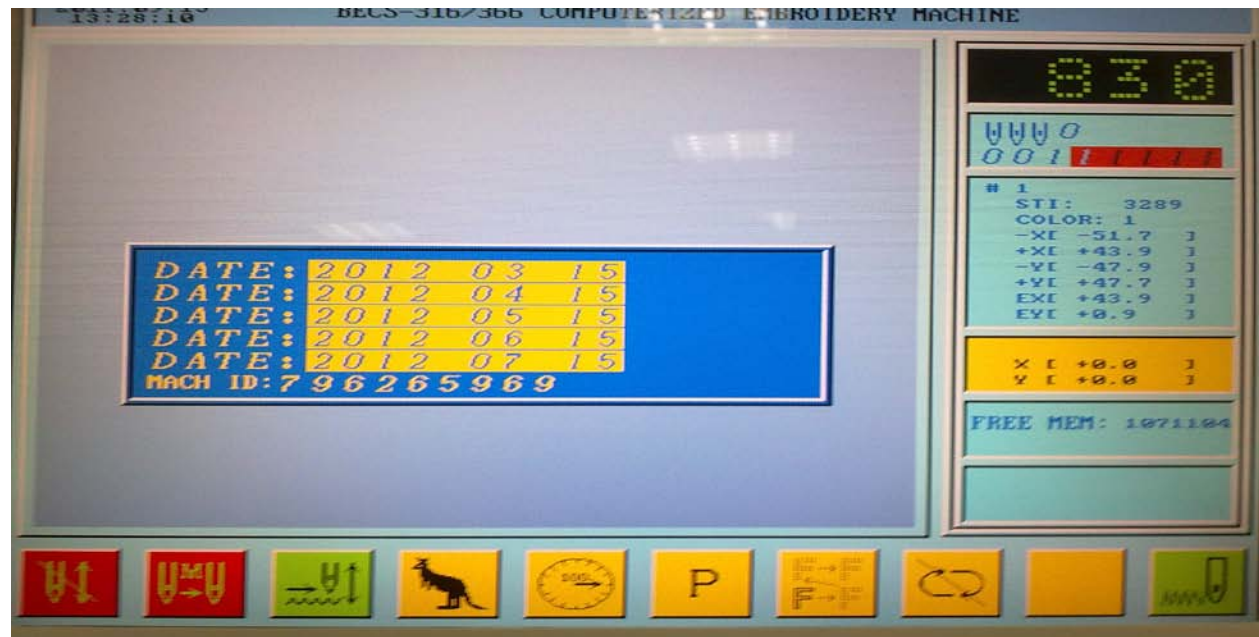
Detailed Steps for Encoding

6. System will hint you to save the machine's information U00. Please insert the U disk and press ENTER to confirm "Save Information U00". If you have saved these information before, you can press other keys to skip this operation.
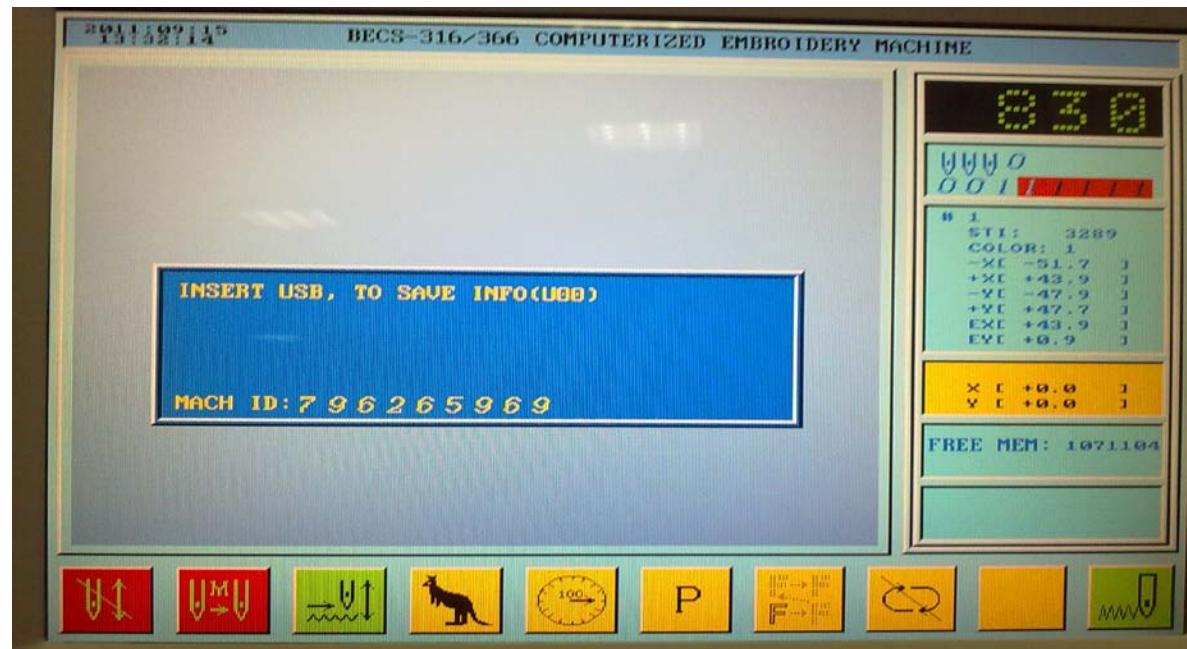
Detailed Steps for Encoding

7. The system will display "Saving Successful" (Along with ring from buzzer) or "Saving Failed". If it is successful, there will be a U00 file named with 8 figures on the mother board, for an example, the file named as 00003333.U00.
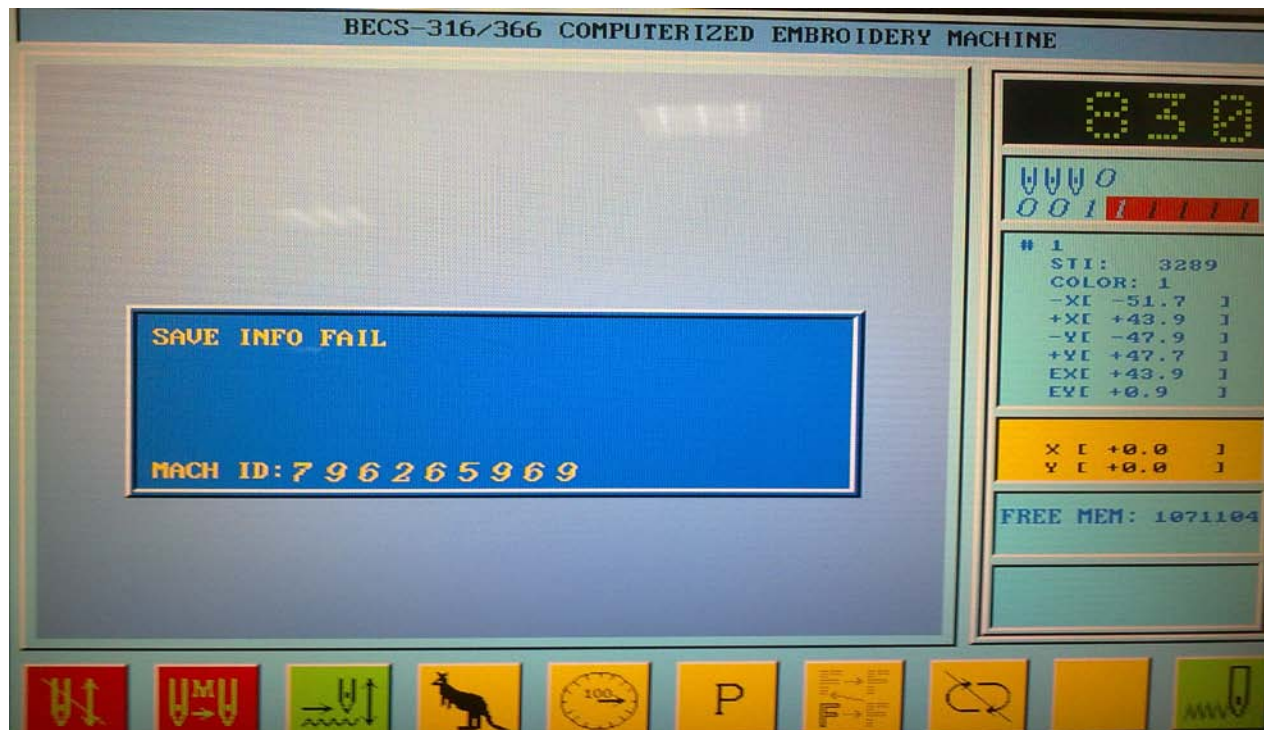
Detailed Steps for Encoding

8. You can leave the machine's information U00 in the U disk to this Payment System, which will generate the encoded information U01.

   Specific Steps. Skip to "Create Code at Payment Password Management System ".

Detailed Steps for Encoding

9. The system requests to load the encoded information U01. Please insert the U disk, which contains the encoded information U01, as the 00003333.U01 in example, and then press ENTER. If you don't have the encoded information U01, please press other keys to quit.
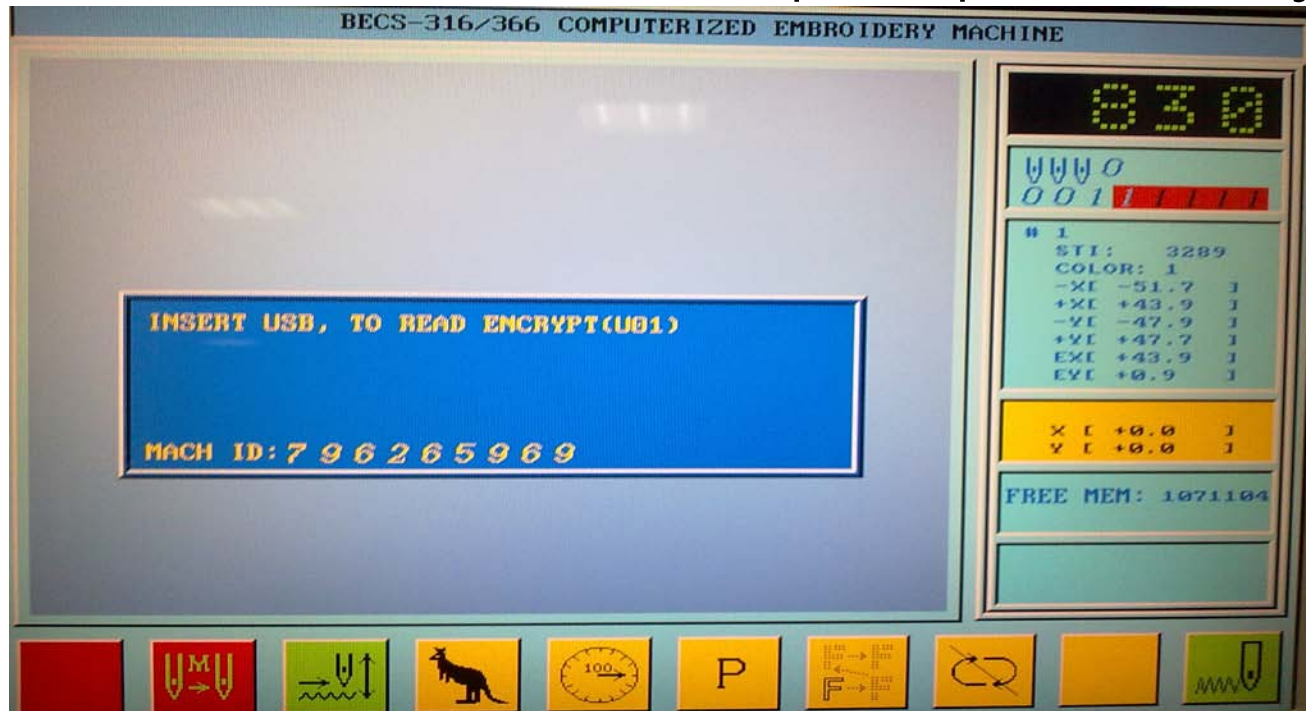
Detailed Steps for Encoding

10. If it is successfully loaded, system will ring and hint user to press ENTER for encoding machine. If the loading is failed, the system will give warnings like, Non-existence of File, Wrong File or Wrong Manufacturer's ID).
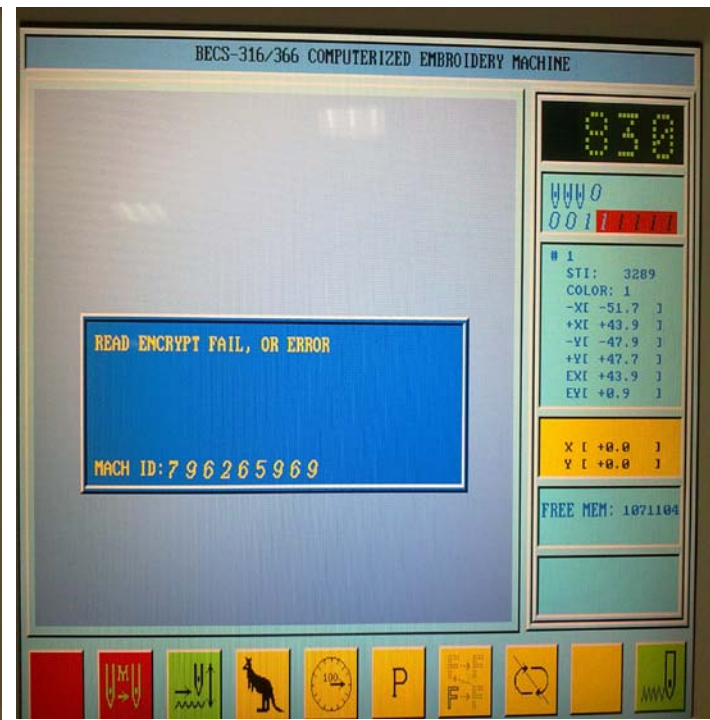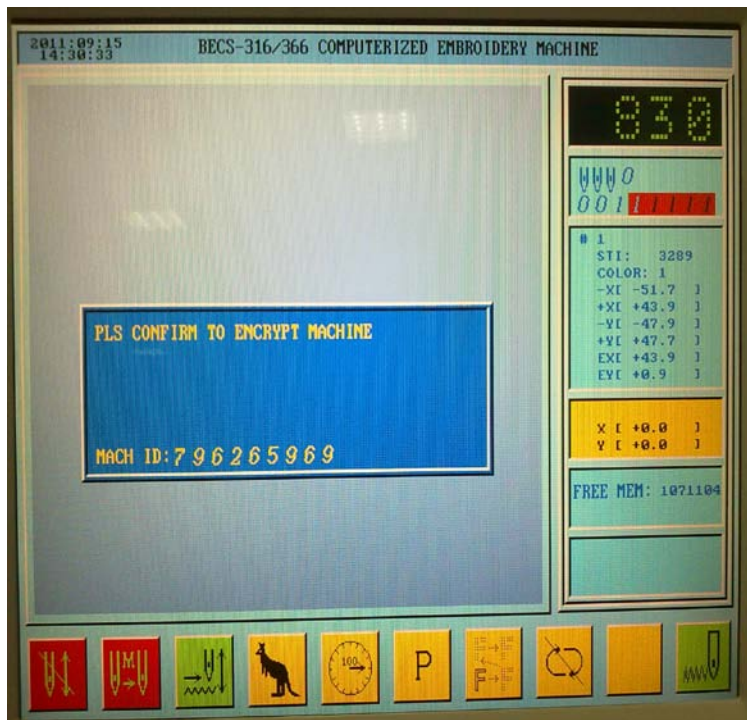
Detailed Steps for Encoding

11. Press ENTER to encode the machine. If the system rings, the encoding will be successful. The method for checking: If you repower the machine and have access to encoding function again, the interface for decoding will be displayed.
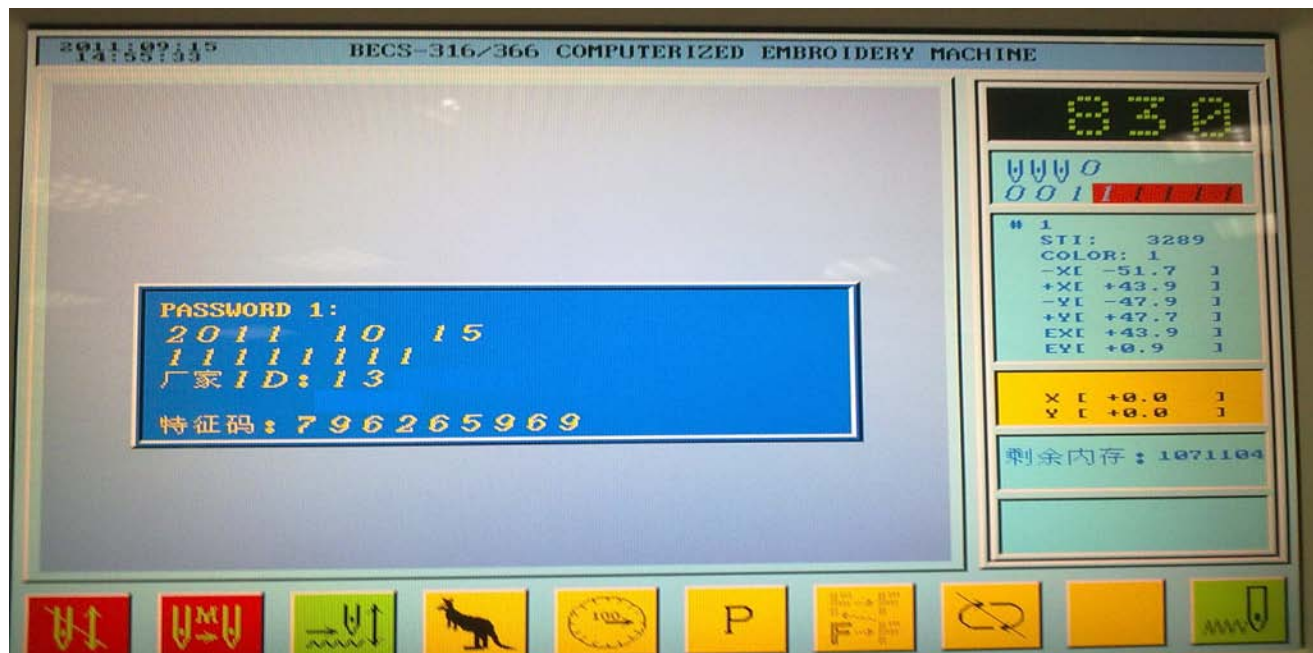
Detailed Steps for Decoding

1. In the premise that the machine is encoded, the system will display the interface for decoding automatically when the it reaches the payment date or the user has access to the interface for encoding.
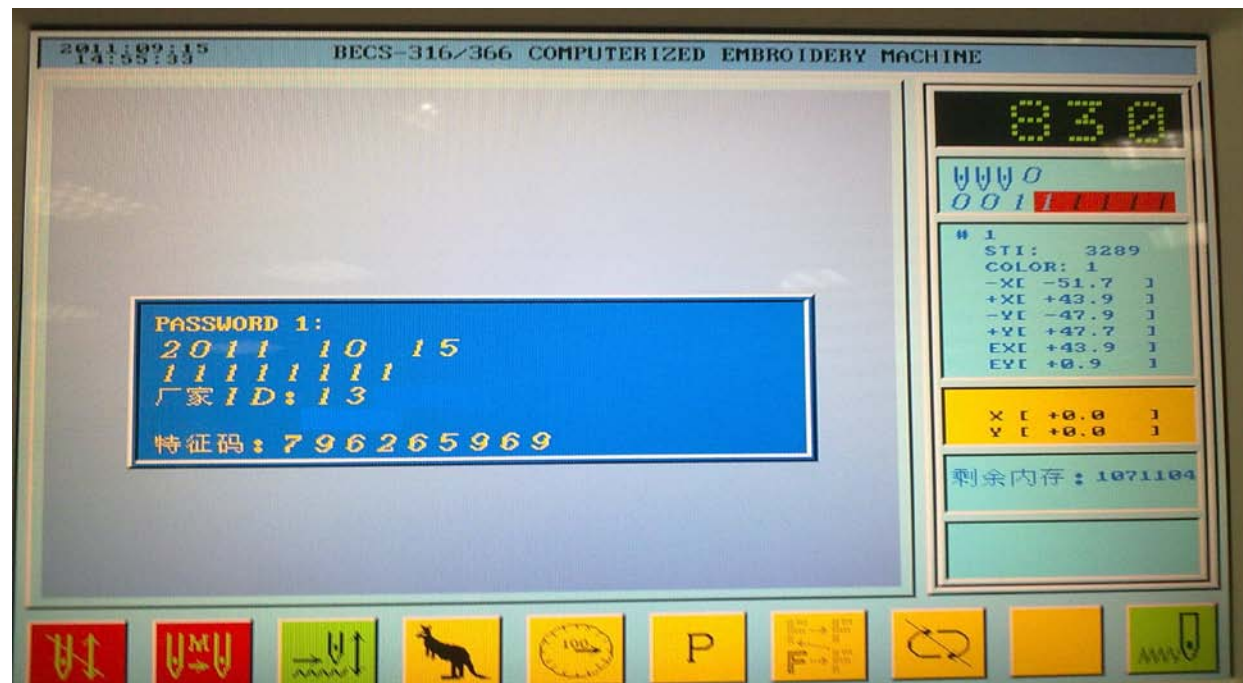
Detailed Steps for Decoding

2. For the password for decoding, please refer to "Payment Password Management System".

Specific Steps. Skip to "Password Inquiry"

Detailed Steps for Decoding

3. Input the password for decoding. If the password is right, the system will ring and return the original interface. It means the successful decoding.
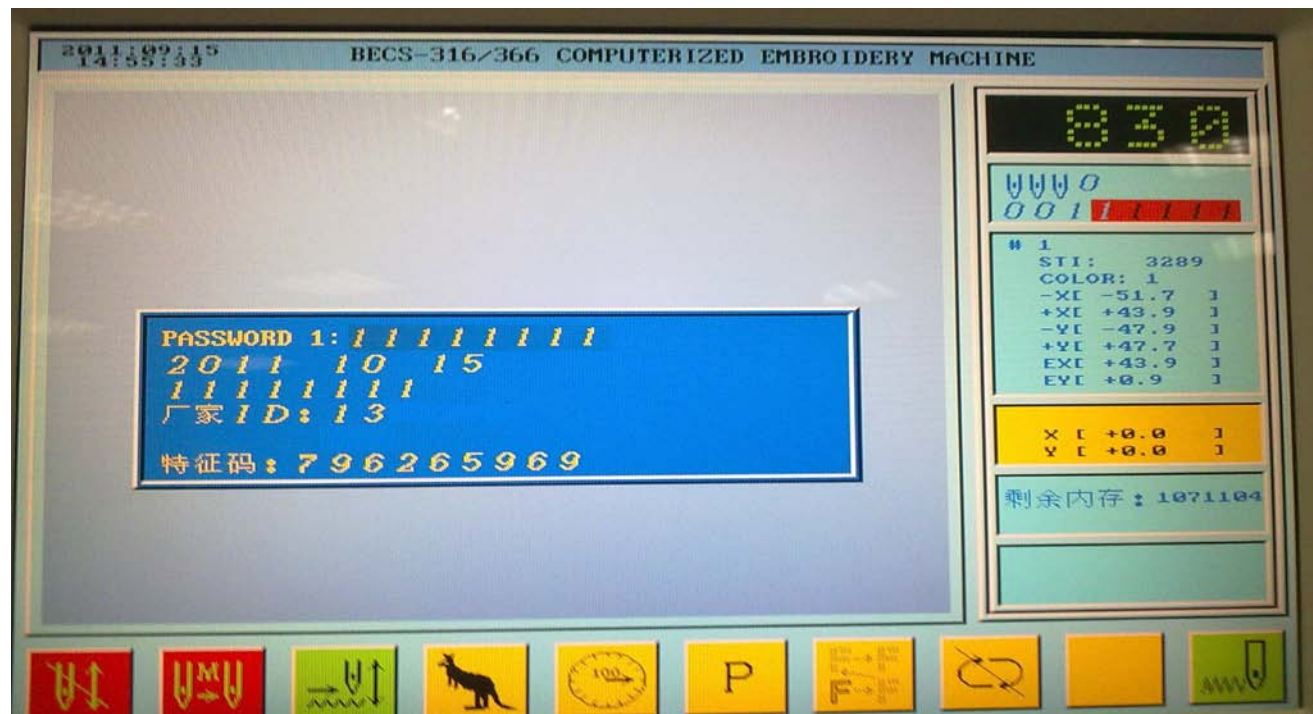
Installation & Registration of "Payment Password Management System"

1. "Payment Password Management System" is the specific PC software for the new encoding solution

2. Run the CipherMgr_Setup.exe。
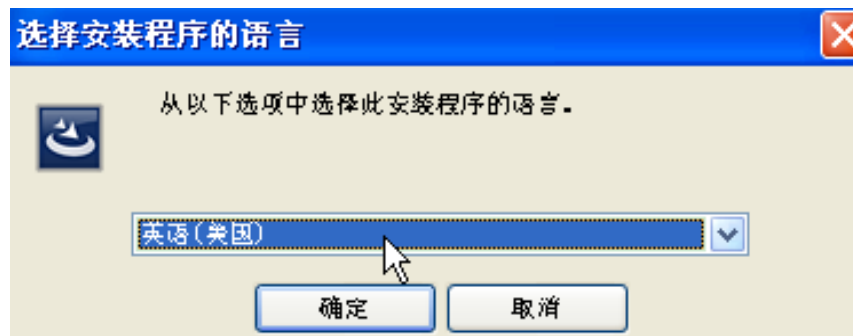
Installation & Registration of "Payment Password Management System"

3. Select the language during the installation and then press ENTER.
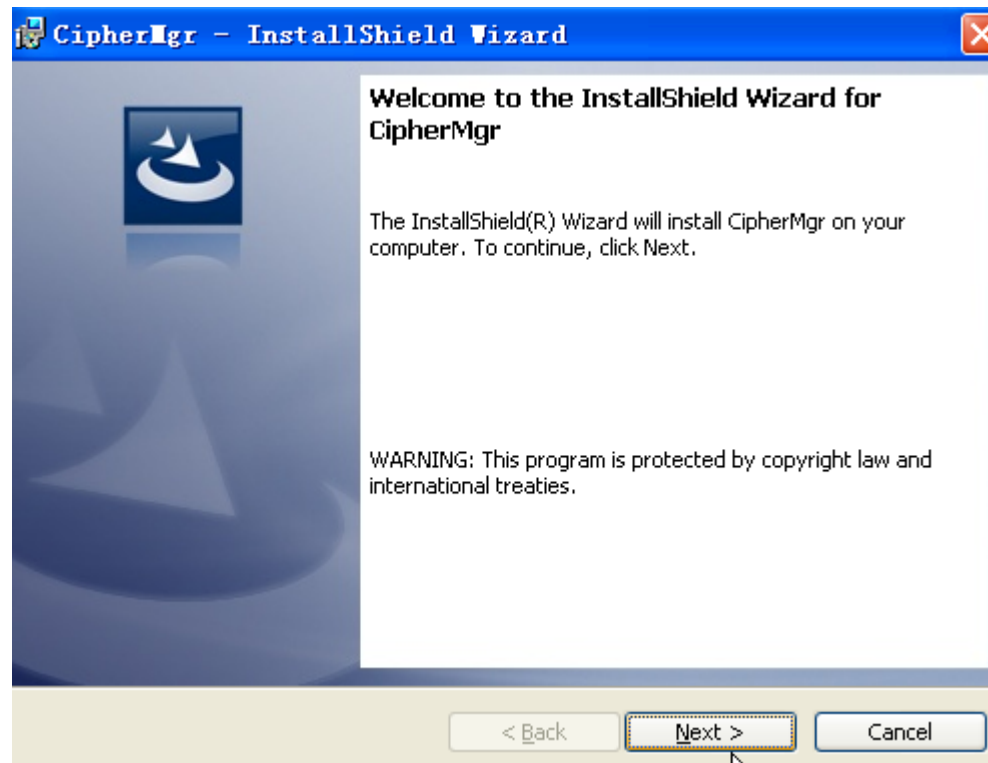
Installation & Registration of "Payment Password Management System"

4. Click "Next".
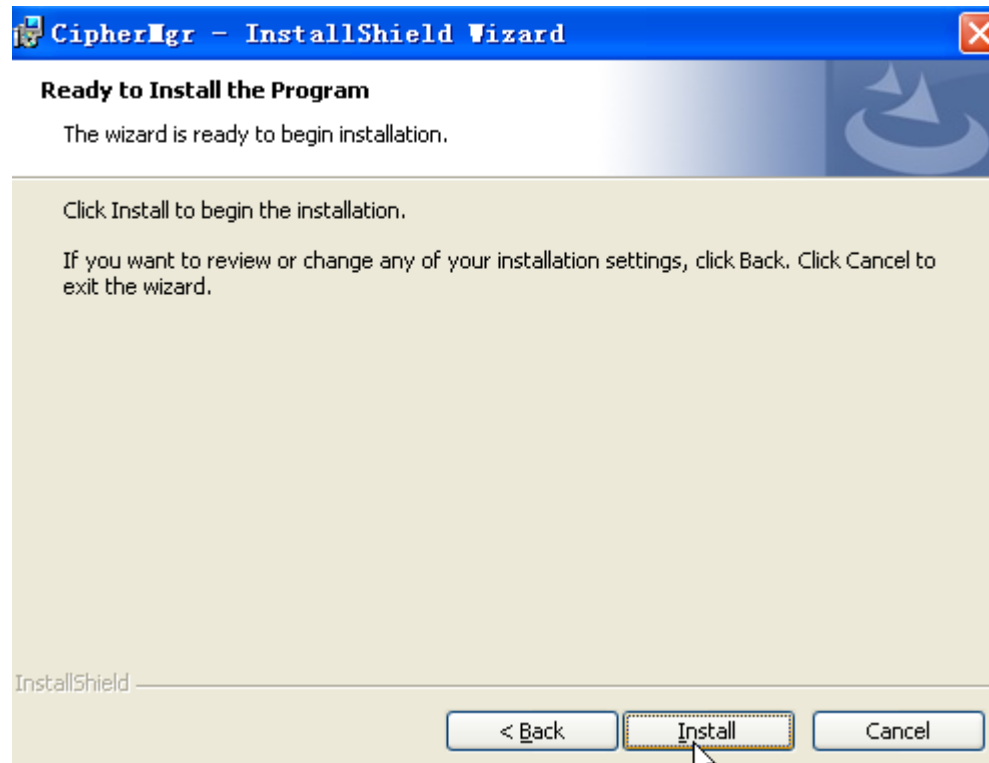
Installation & Registration of "Payment Password Management System"

5. Click "Install". Then please hold on for a few minutes, the PC will Install the "Microsoft SQL Server"& "CipherMgr".
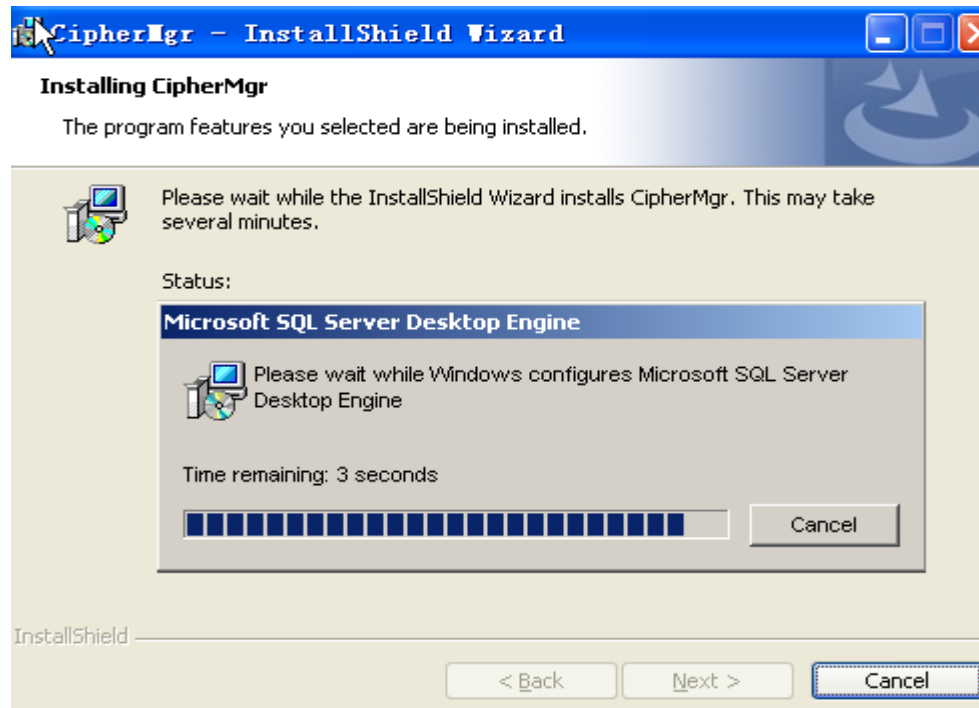
Installation & Registration of "Payment Password Management System"

6. After the PC installed this software, please click "Finish".
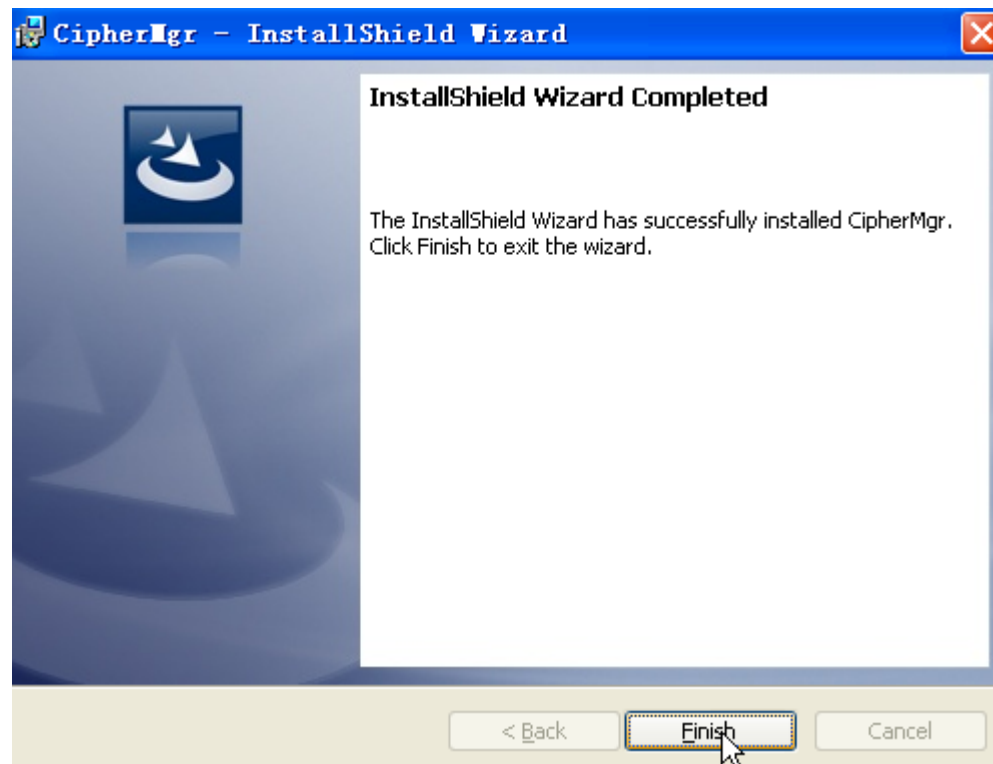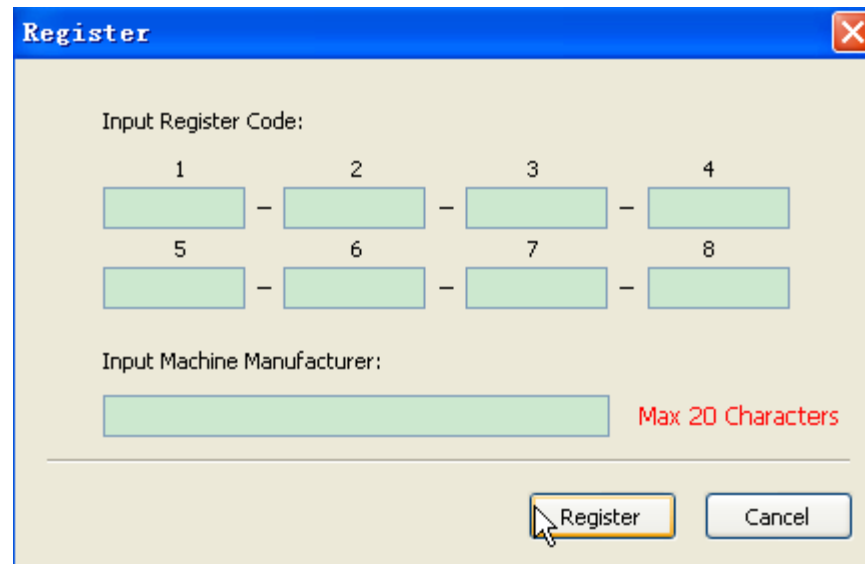
Installation & Registration of "Payment Password Management System"

7.   Run this Software.
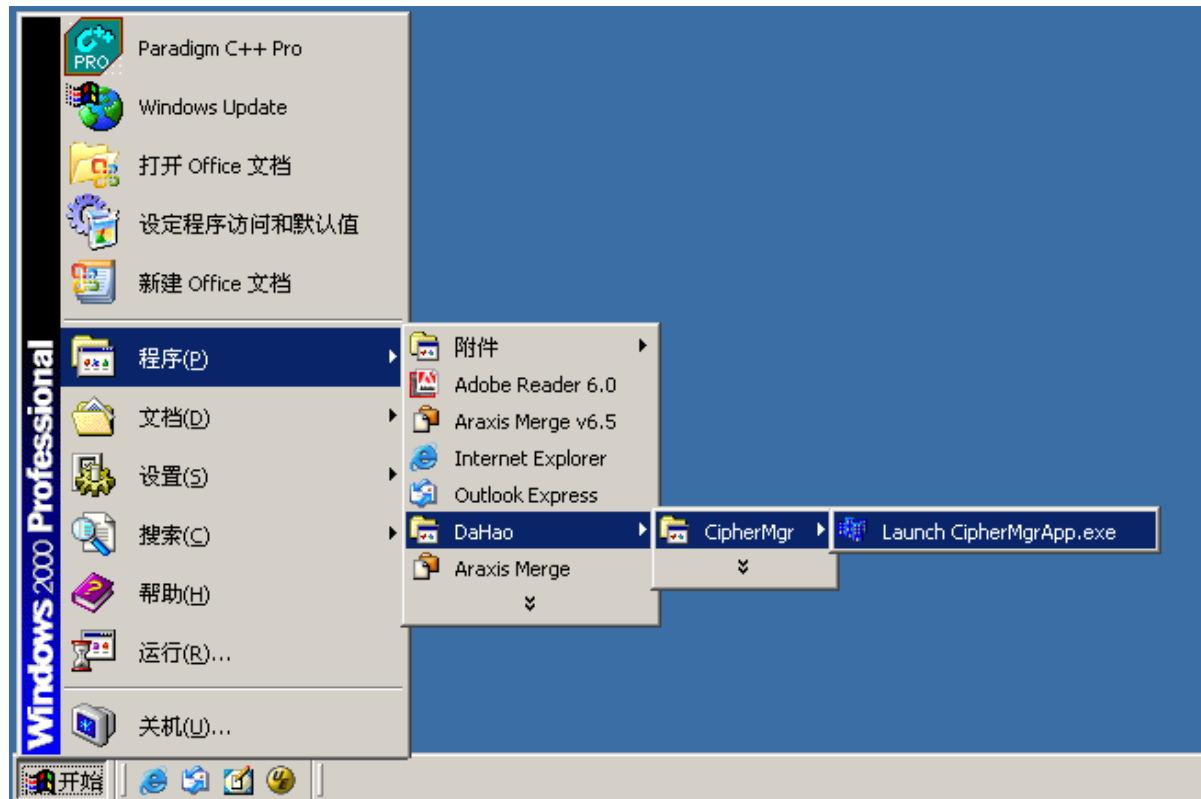
Installation & Registration of "Payment Password Management System"

8. When you run this software for the first time, the system will ask you to have registration; or it will be unable to run this software.

Installation & Registration of "Payment Password Management System"

9. Input the registration code that can be acquired from Xingdahao Company or the manufacturer of machine; Input Manufacturer's Name (Attention: it is of necessity to identify the manufacturer.) ; Click "Register" to finish the registration and quit the program. If the registration codes are alright, you can use this software at next running.
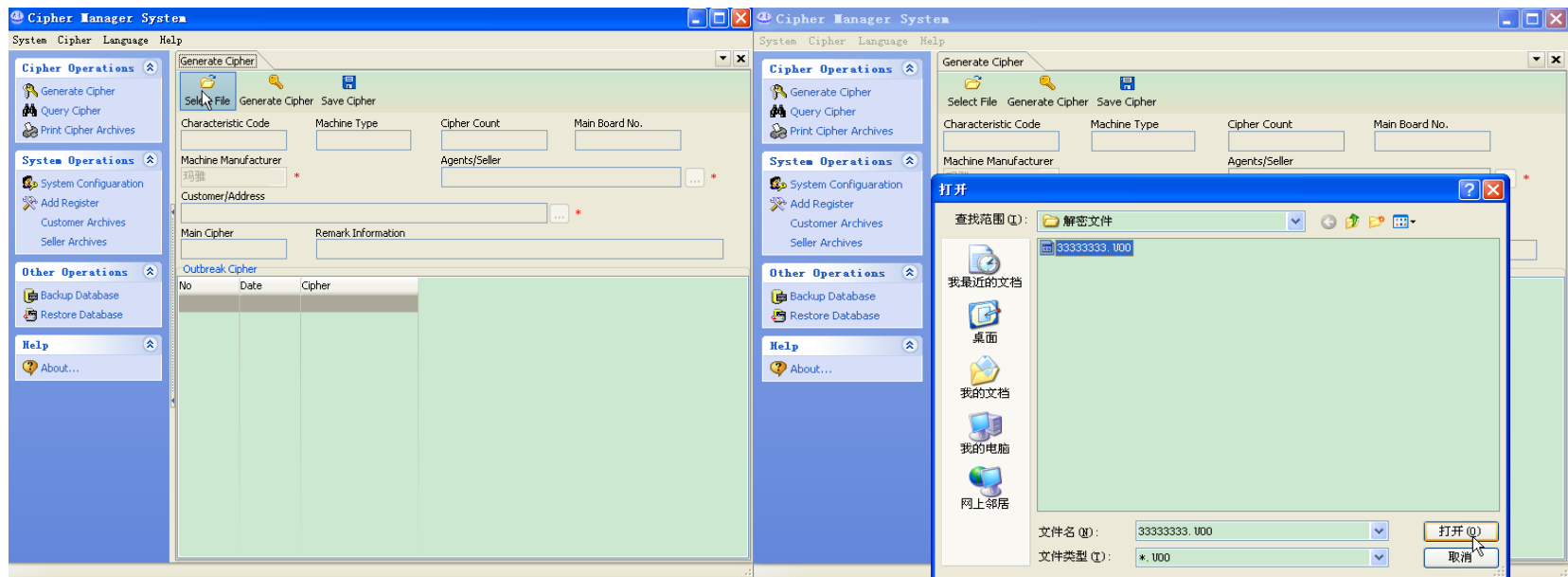
Create Code at "Payment Password Management System"

1. Run "Payment Password Management System", have access to software interface and perform "Create Password".
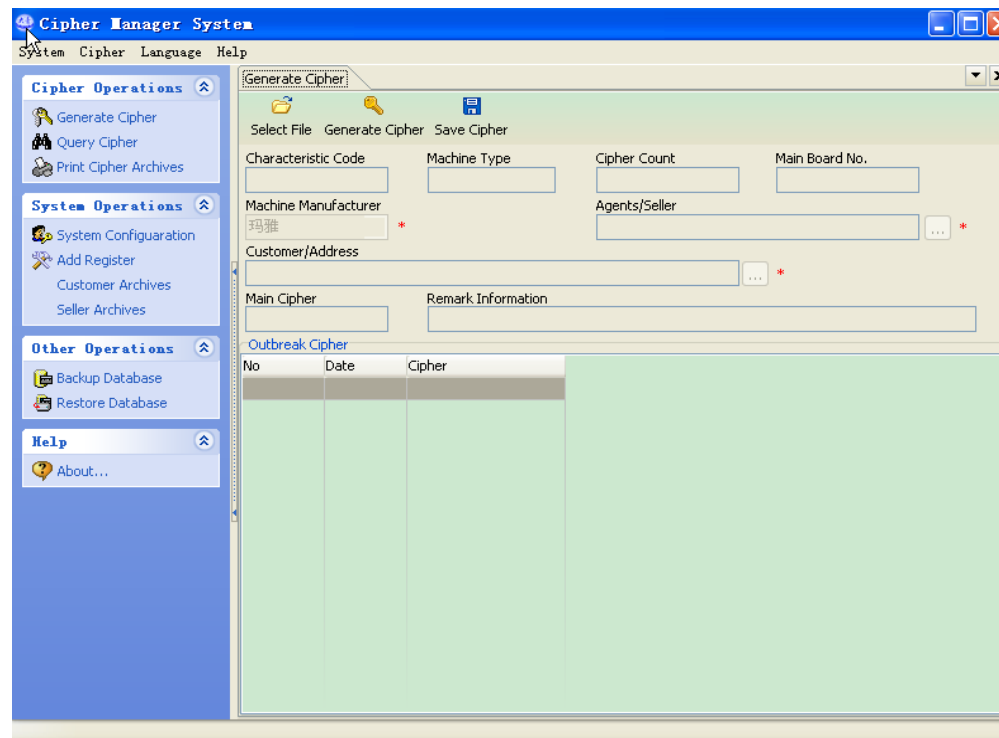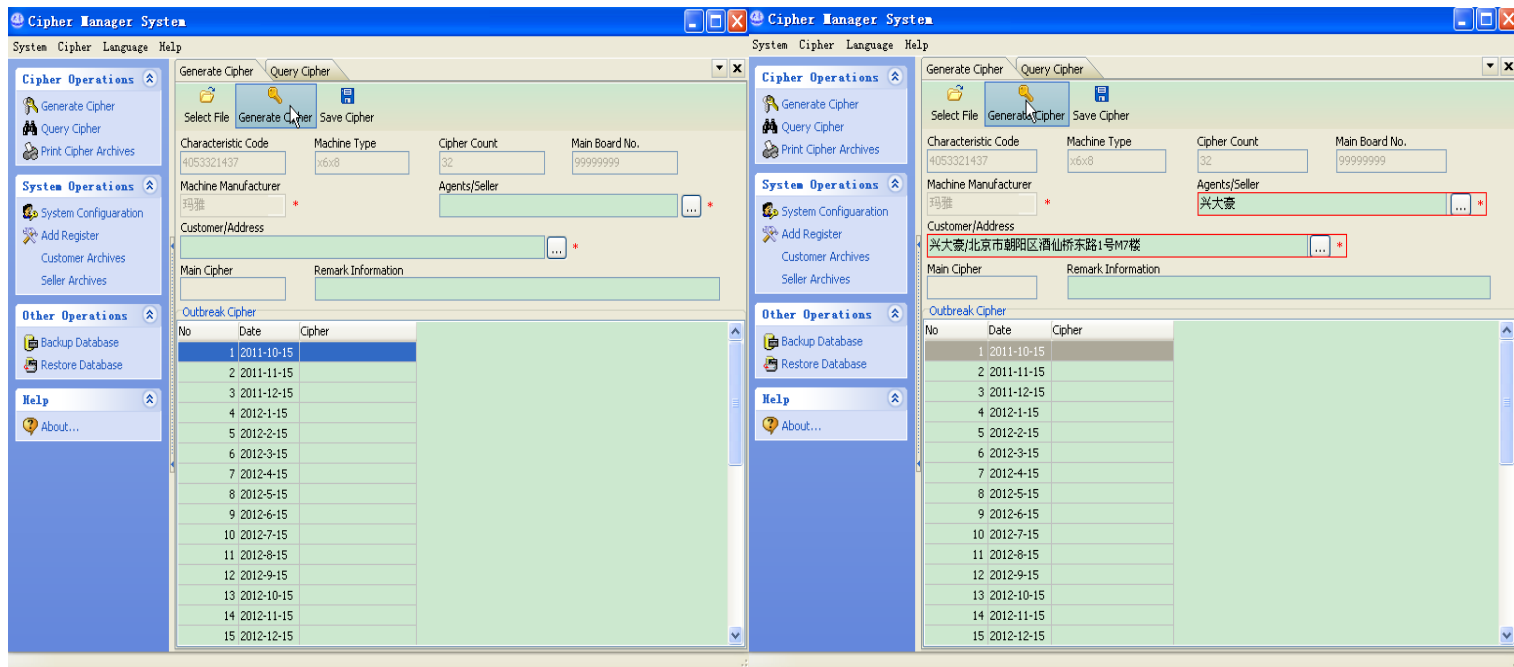
Create Code at "Payment Password Management System"

2. Select the information file U00. Click "Select File" to open the corresponding file, for an example:00003333.U00. Note: if a salesman sold several machines to one client, he may set the same activating time interval and number of password among these machines. At this moment, user can hold "Ctrl" and select the U00 files of these machines, so as to set the same password to these ones.
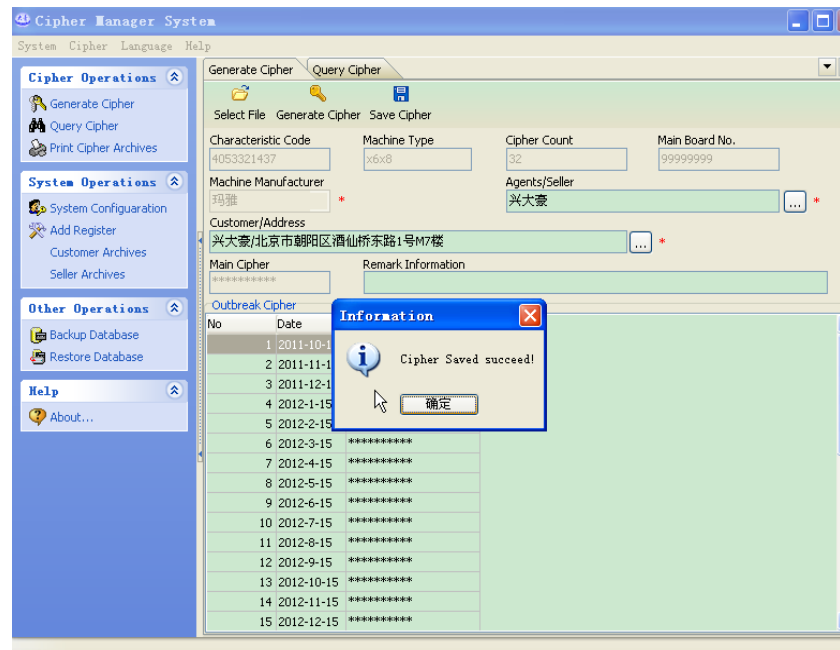
Create Code at "Payment Password Management System"

3.   The software will display the "Character Code", "Machine Type" and "Number of Password". Click "Create Password" to generate the code in the system. Attention: in order to relate the character code to the certain machine, you will have write the following information, such as "Agent/sales", "Client" and "Remarks". Exp: The salesman is A, the client is B, and the number in mother board tag is 111470006650.

Create Code at "Payment Password Management System"

4. Click "Save password", then the system will save the password into the database. Meanwhile, it will also be saved at the U01 file in current file folder for encoding the machine. After that the system will hint user for successful saving. Example：00003333.U01。

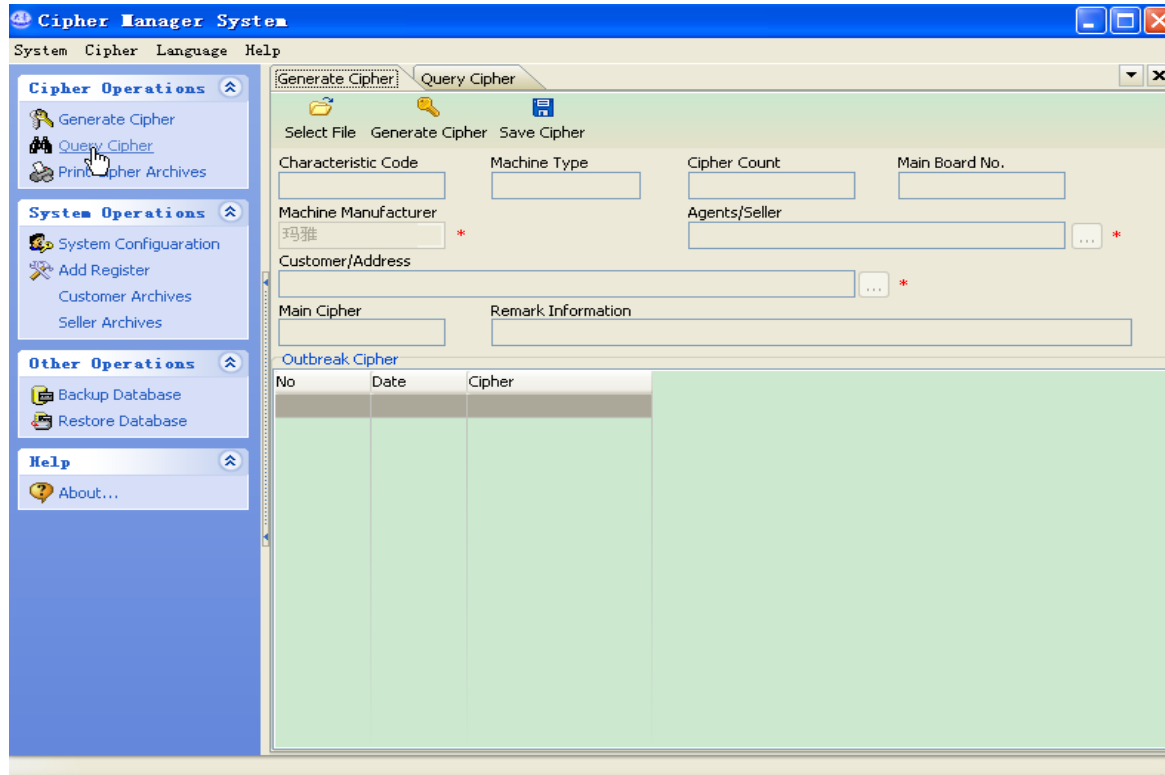# Create Code at "Payment Password Management System"

5.   Copy the corresponding U01 file to the base directory in the U disk(Attention: To Base Directory of U Disk). Certainly, if the U00 file has already located at the base directory of the U disk, the software would automatically save the U01 file into U disk. This file can be used for encoding the machine.

▶ Skip to "Continue Encoding"

Password Inquiry
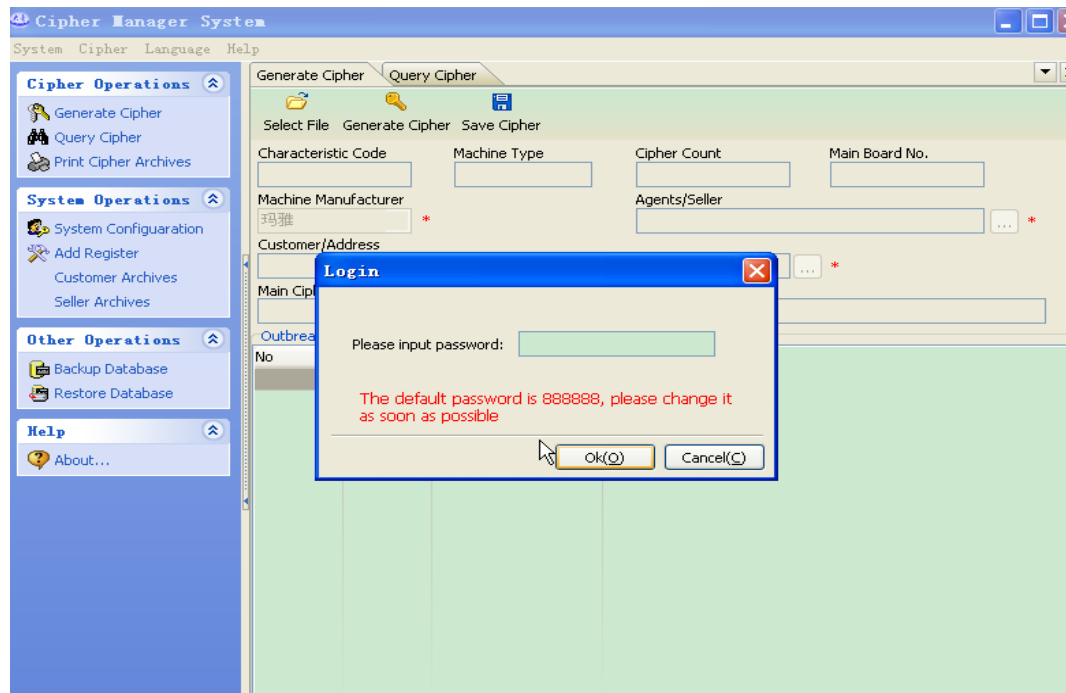
1. Click "Password Inquiry"

Password Inquiry

2. The software will ask you to input the password. Note: This password can be changed in the "System Specification". If the PC is only used by the administrator, it can be set as no need for that password.

Password Inquiry

3. Click Inquiry.

Password Inquiry

4.   Input the Inquiry Conditions

Password Inquiry

5. Select the corresponding machine to acquire the relating password for decoding. For XX8 and XX6 model, the password contains 10 figures, and the 0 in the front is needed to be inputted.

Skip to "Continue Decoding"

Print Password

Note：this operation is to print the entire passwords. However, the most popular operation is to use the "Password Inquiry" to check the password of the certain machine(s) , and then the user can use this function to print the inquired passwords.

- Click "Print Password"
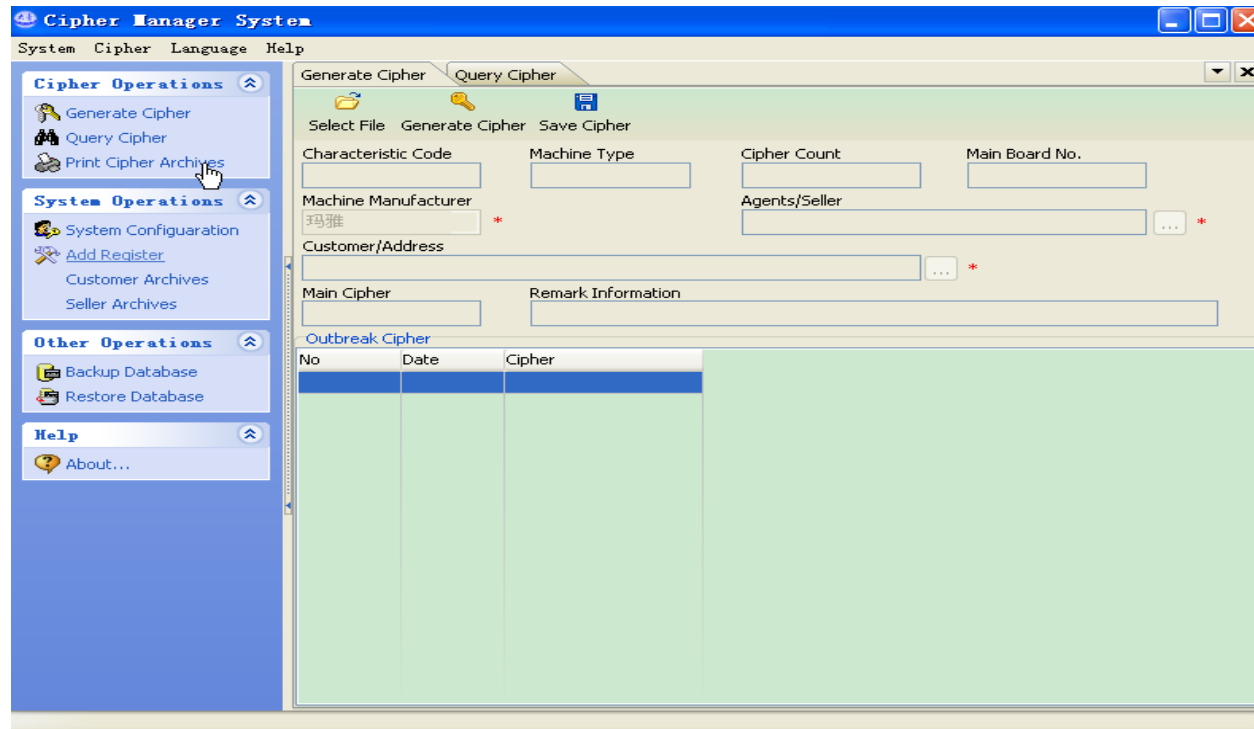
Print Password

2. The software will ask you to input the password. Note: This password can be changed in the "System Specification". If the PC is only used by the administrator, it can be set as no need for that password.
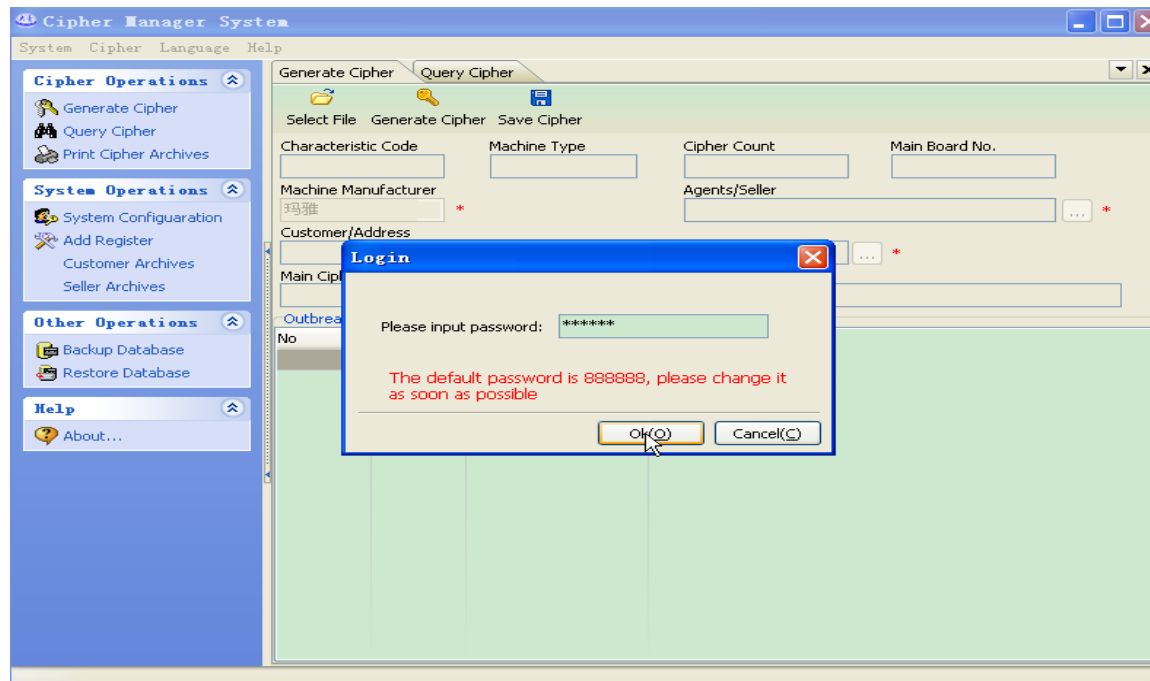
Print Password

3. Select "Preview" to have look before the printing, or select "Print" to print these passwords directly.
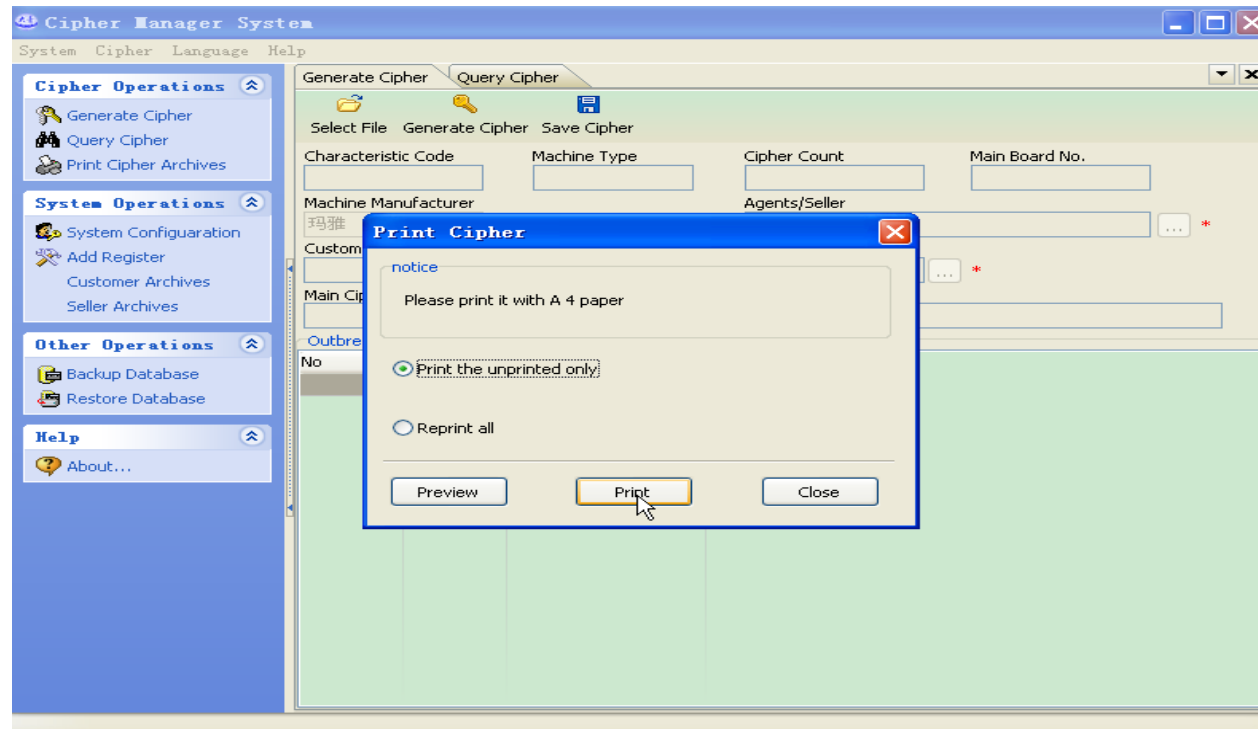
System Specification

1. System Specification is to manage the password of this software and to make its usage easier.

2. Click "System Specification" .
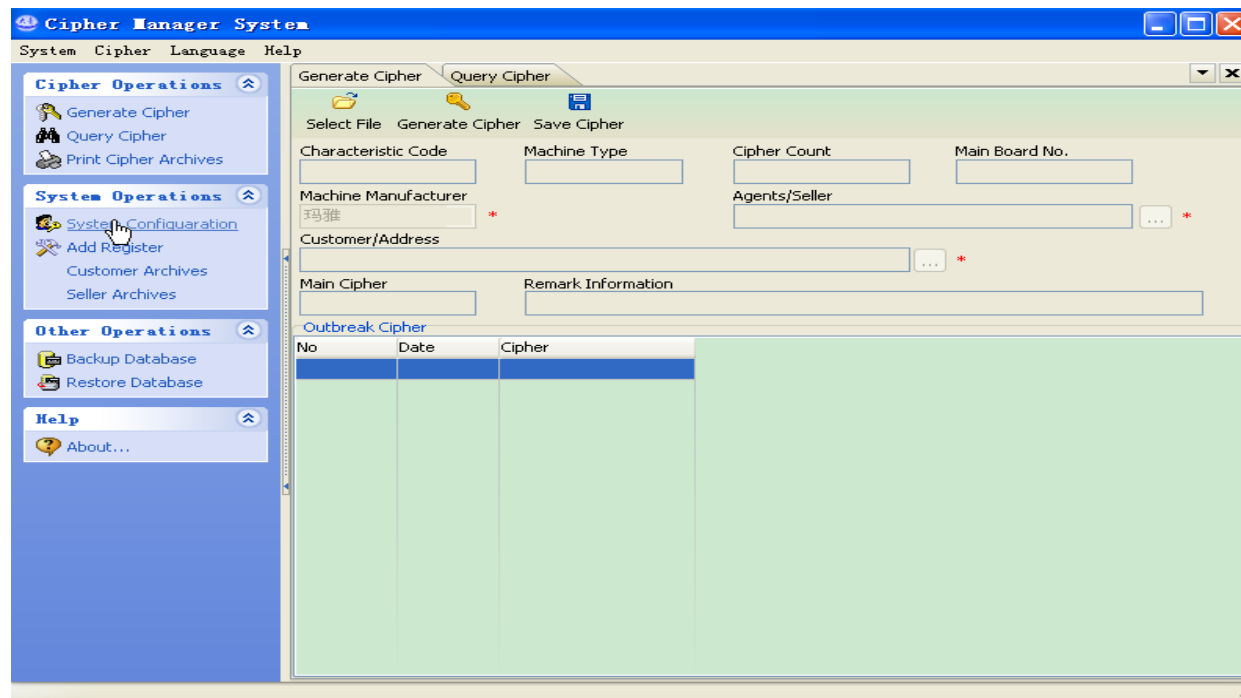
System Specification

3. The software will ask you to input "Password".
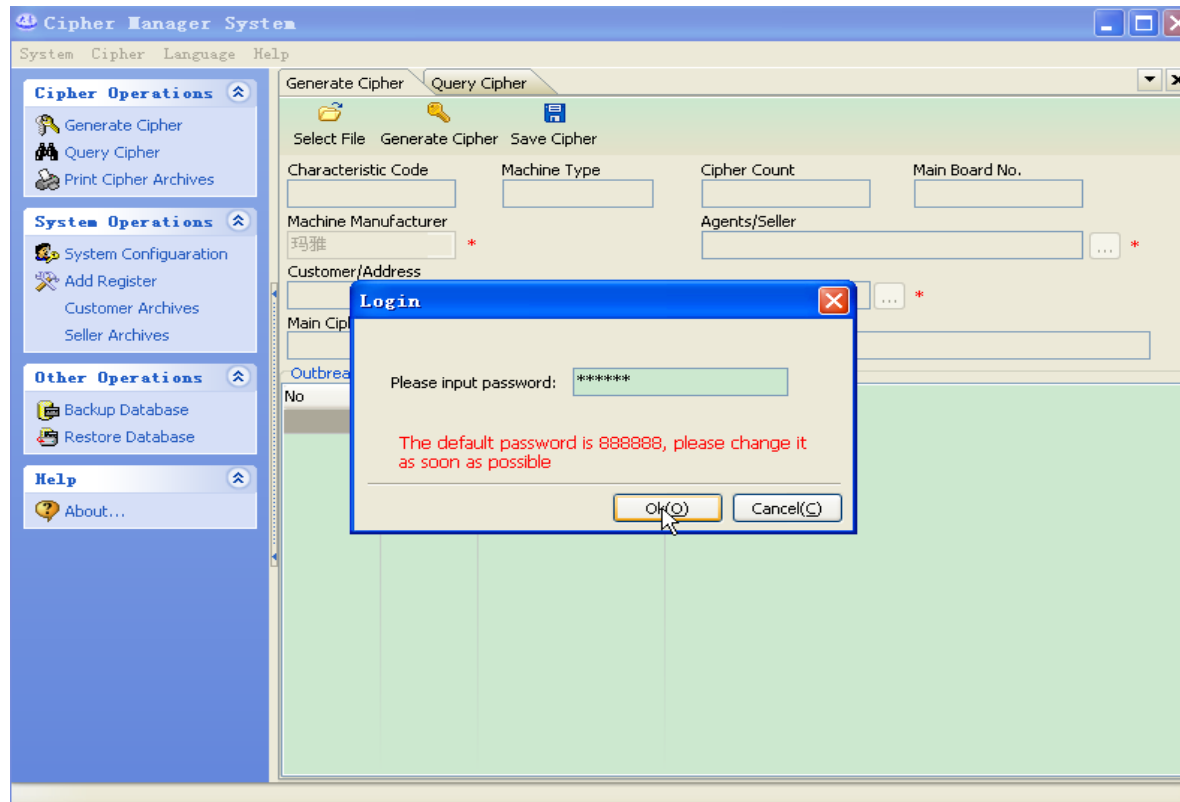
System Specification

4. User can have setting on the usage of software. Attention: "Password for Entry to System Specification Setting" should be remembered. For other passwords, because they can be inquired through this passwords, user needn't remember them.
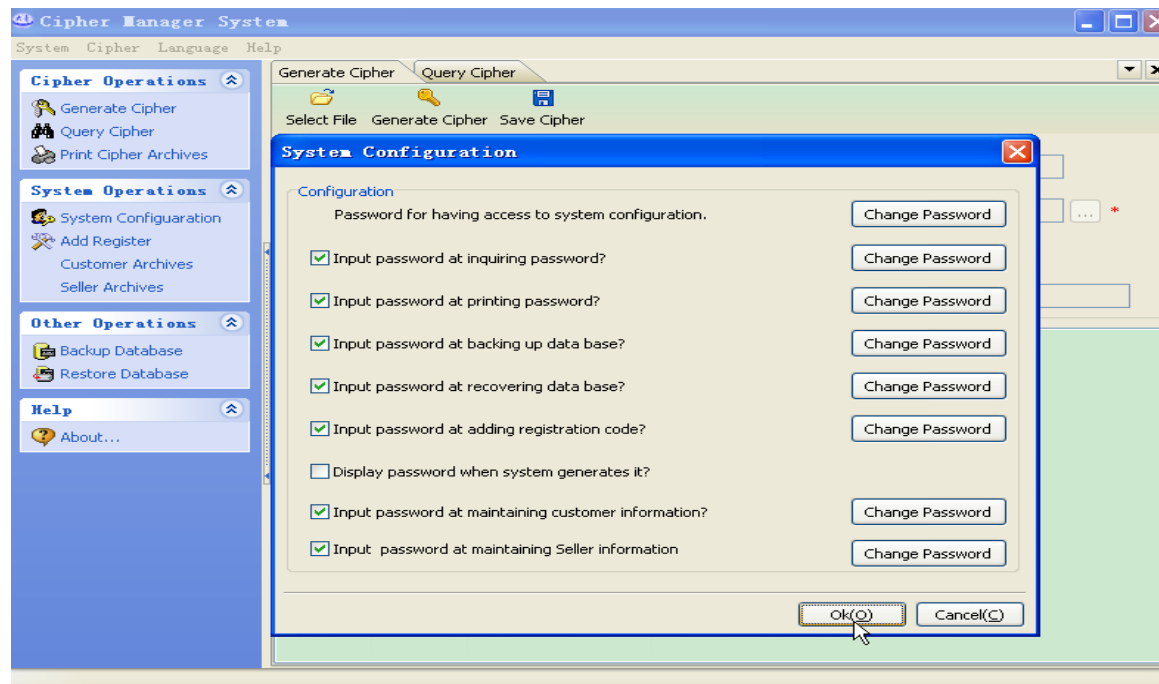
System Specification

5. Single click the first "Change Password" to have access to the interface to change the password of system specification.
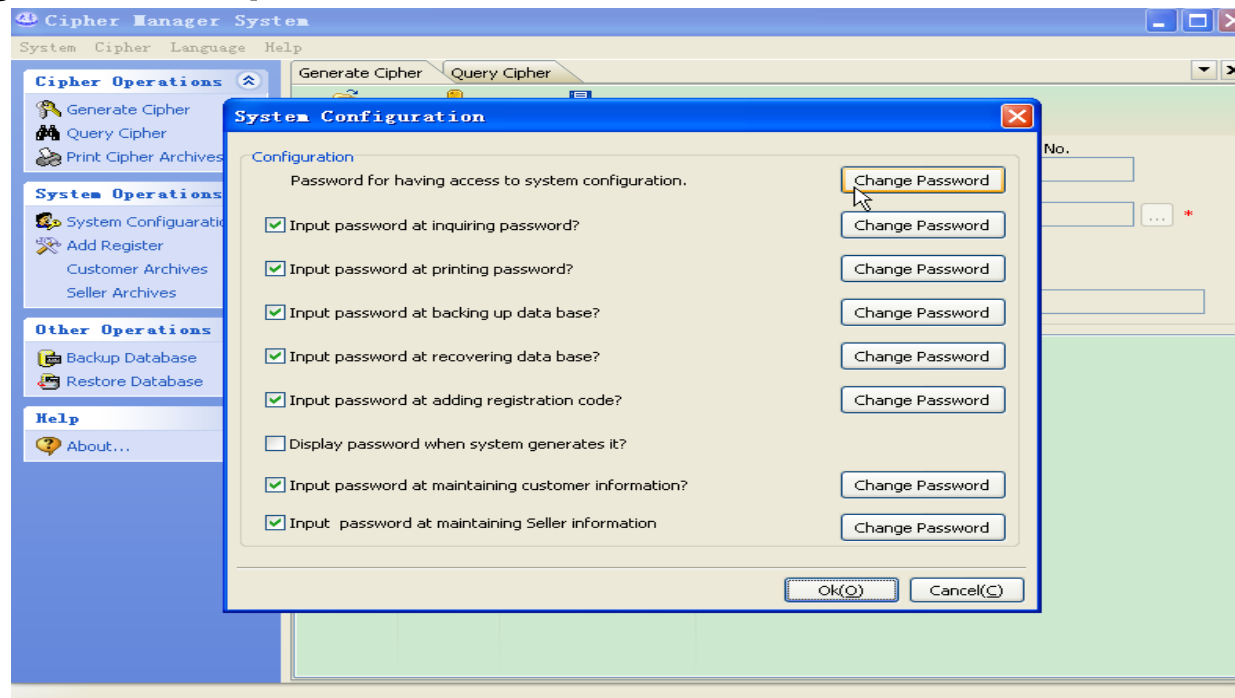
System Specification

6. Have access to the interface for changing the password of system specification. This password must be remembered, or it may cause the unavailability of some functions in this software.
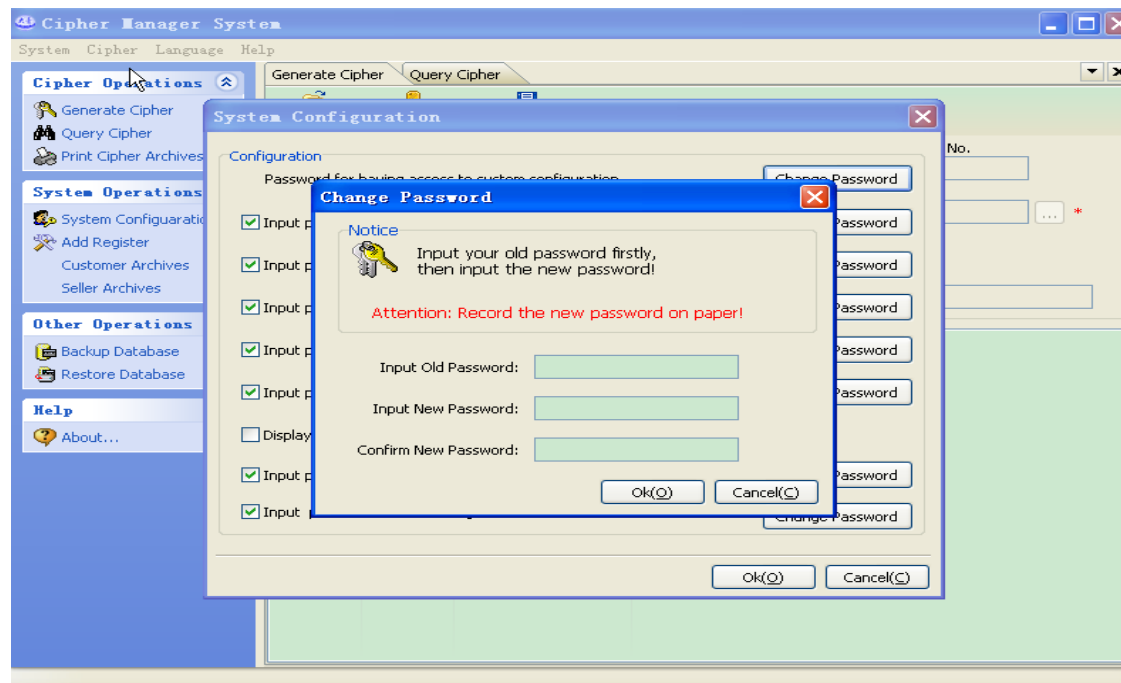
System Specification

6. You can also change the passwords for other operations, including Password Inquiry, Password Printing, Database Back-up, Database Recovery and Adding Registration Code.
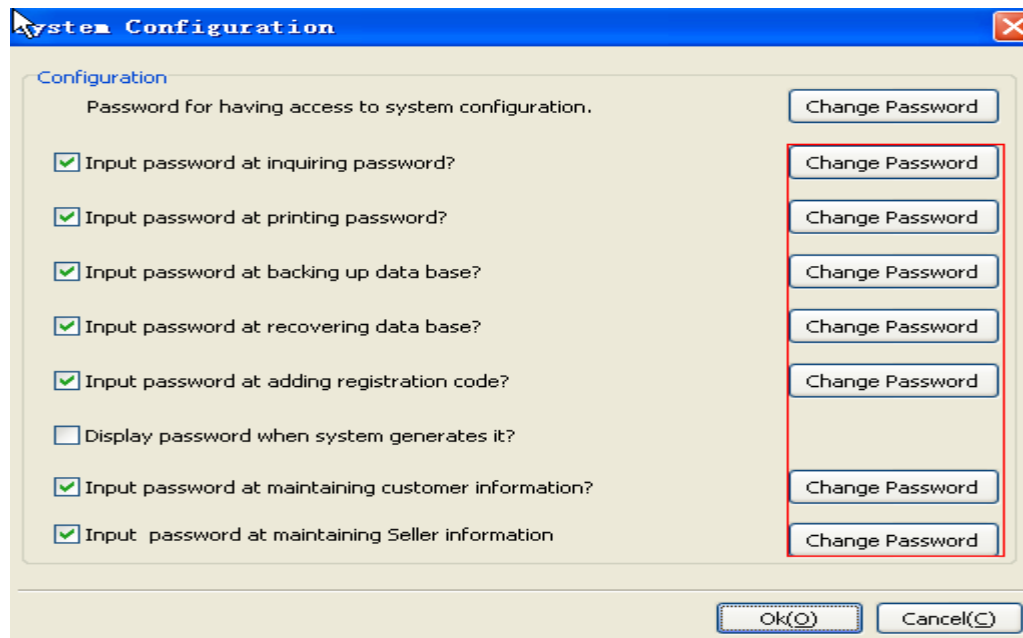
System Specification

7. You can also change the operational options of the software as shown in the picture below:
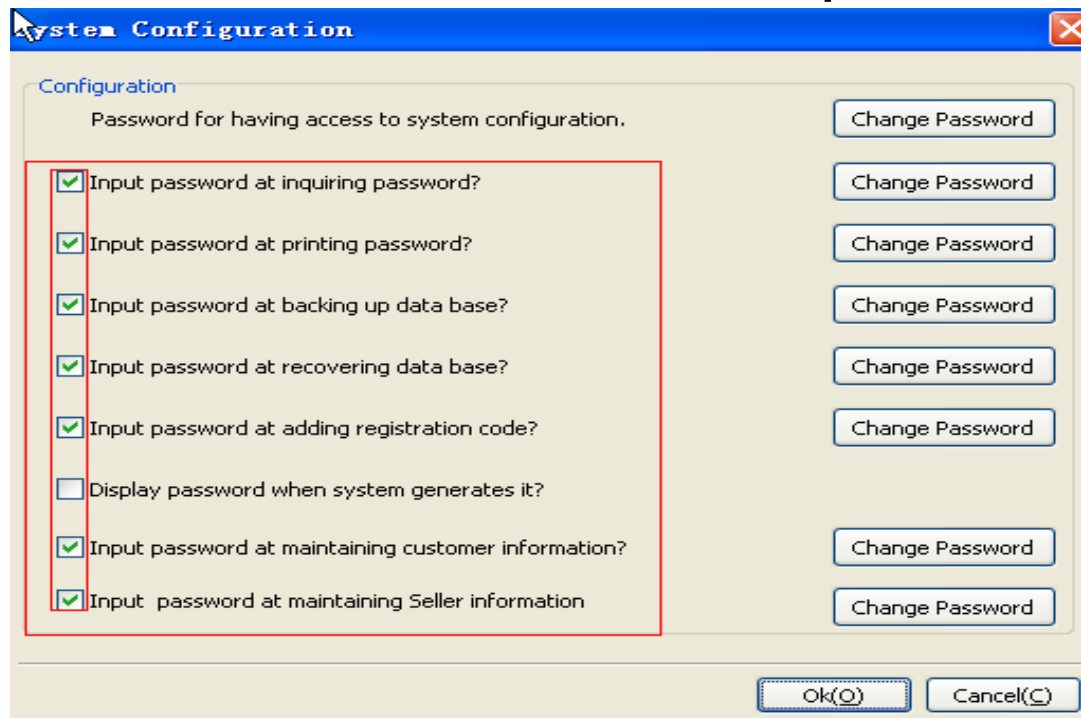
How to Manage Machines from Different Manufacturers

1. If an agent needs to manage the machines from several manufacturers, he will realize this goal by adding several registration code in this software.

2. If this software contains several registration codes, it means to manage the machines at same amount. Thus, after pressing "Create Password", the agent will be requested to select the manufacturer of machine.
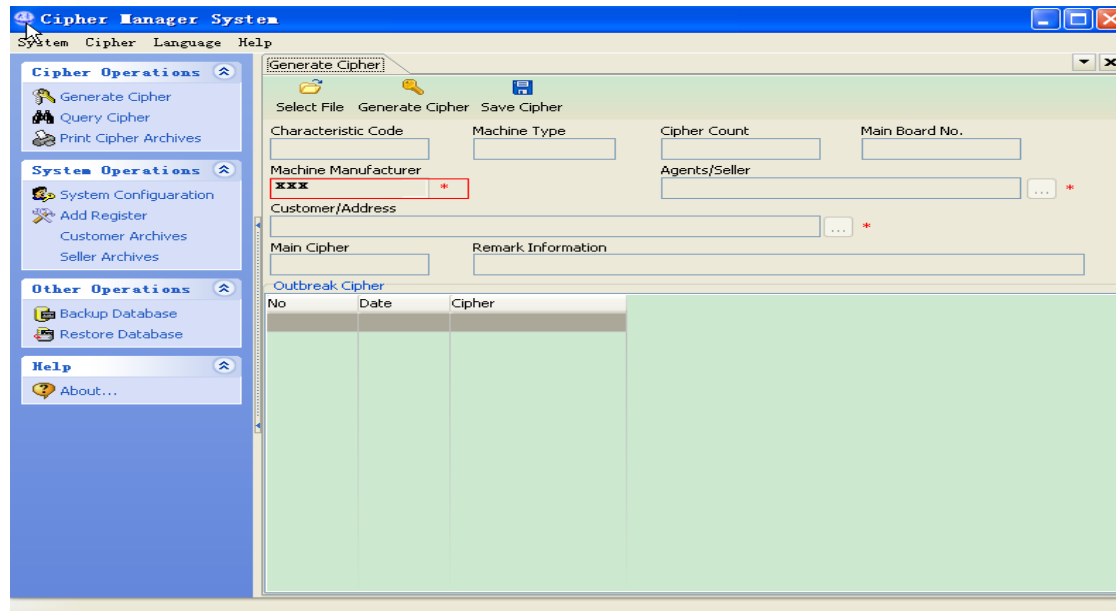
How to Manage Machines from Different Manufacturers

3. Click "Adding Registration".
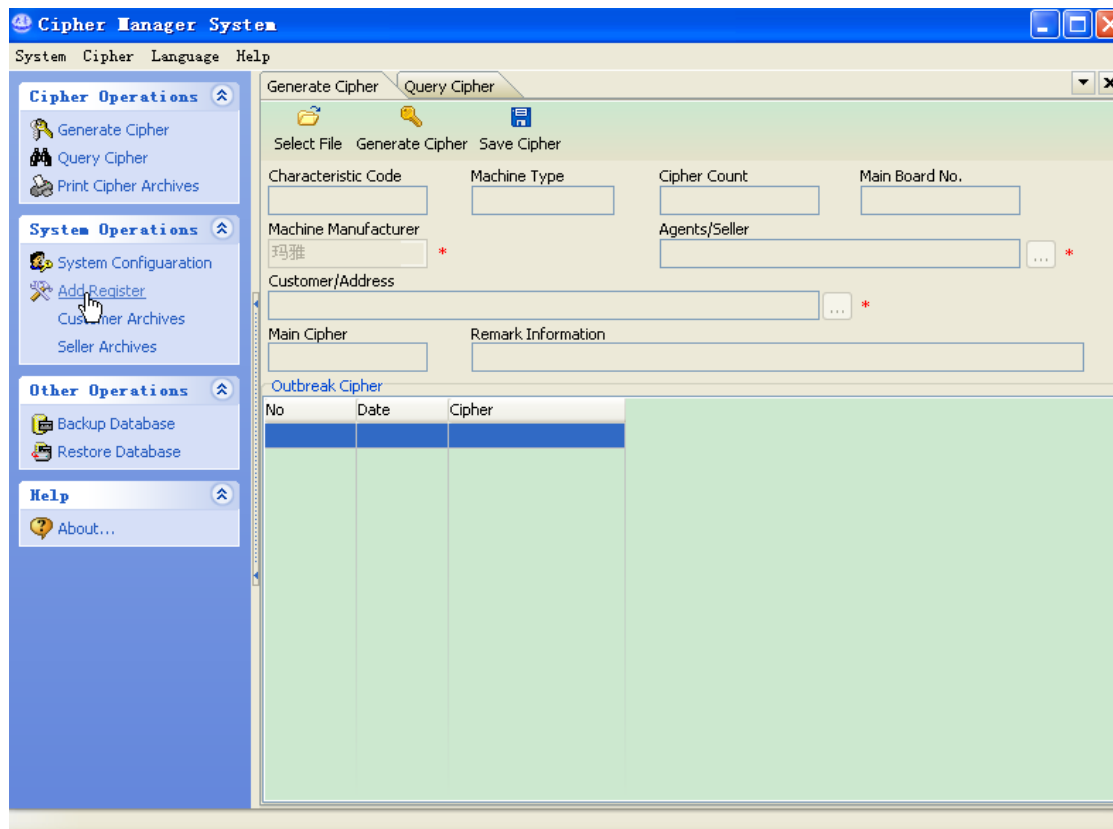
How to Manage Machines from Different Manufacturers

4.   Input the password for adding new registration.
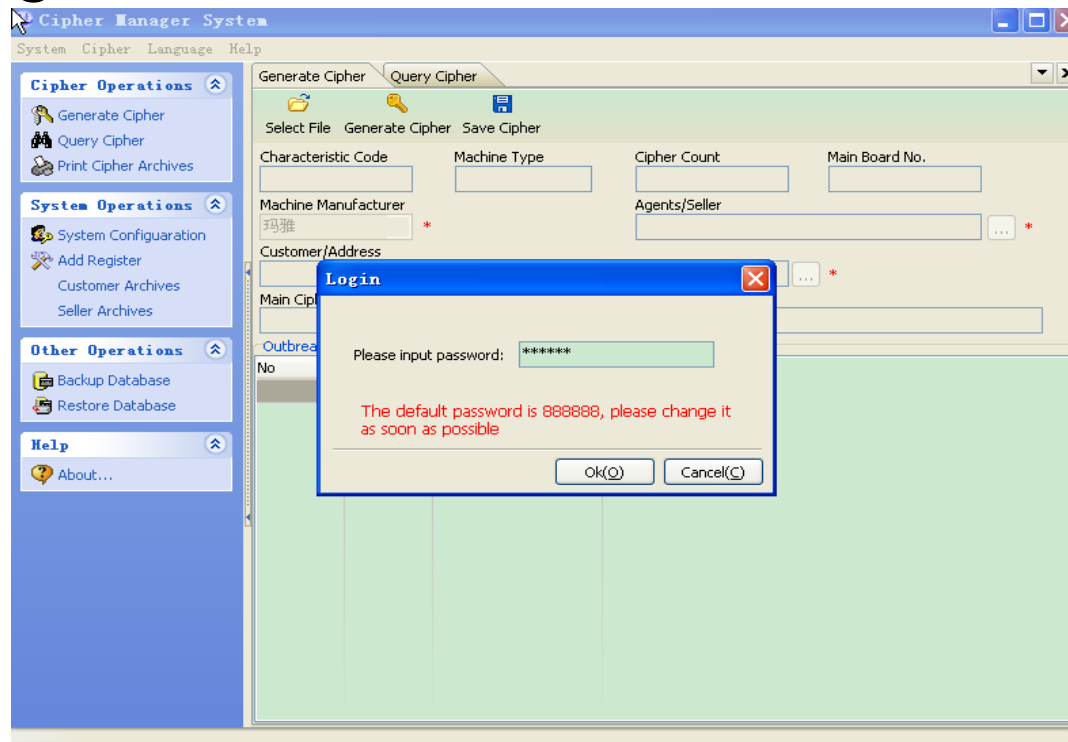
How to Manage Machines from Different Manufacturers

5.   Input registration code that can be acquired from Xingdahao Company or the manufacturer of machine; Input Manufacturer's Name (Attention: it is name of the manufacturer.) ; Click "Register" to finish and add another manufacturer.
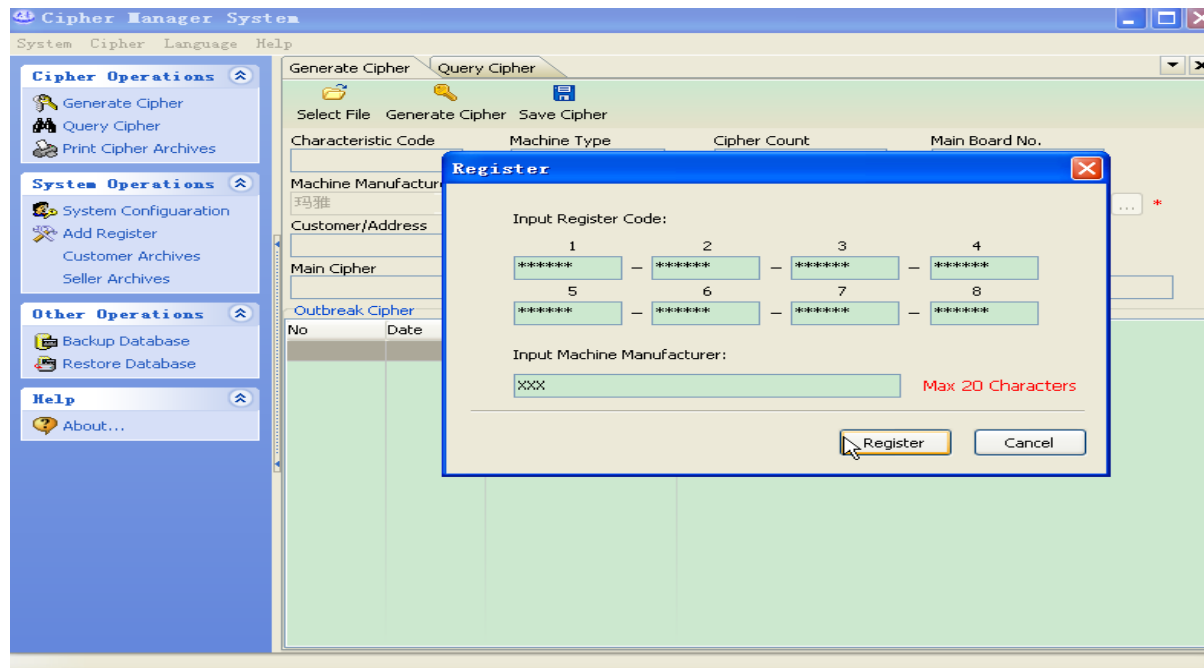
How to Prevent Other People from Encoding My Machine

1. **Advice from Xingdahao Company**:
   Each manufacturer had better attach the manufacturer's ID to its machines, especially the machines with encoding function, which can effectively prevent others from encoding these machines without authorization.

2. After the manufacturer added Manufacturer's ID on his machine, the agent of that manufacturer can still set password on that machine. Each manufacturer needs to give the "Payment Password" and the registration code of software to his agent.

3. For the detailed procedure of adding manufacturer's ID, please refer to the content below：

How to Prevent Other People from Encoding My Machine

1. Update the control software to the encoded software

2. Perform Step 1, 2 and 3 in "Detailed Steps for Encoding"; Skip the 4th step in "Detailed Steps for Encoding"; Perform the Step 6 & 7 in "Detailed Steps for Encoding".

3. Perform the Step 1~5 in Create Code at "Payment Password Management System".

4. Perform the Step 9~11 in "Detailed Steps for Encoding".

Detailed Steps for Encoding

1. The operator of controller needs to have access to encoding interface (exp. Press 0 and ENTER to have access at 316 model) with a U disk. If the machine is not encoded, the system will ask him to go on for the next step; or the password for decoding will be requested

Common Problems/Questions

- What is the difference between the New Encoding Solution and the old one?

  The new control software are needed on 322, 328 and 316/366 model while the new software for upper machine are needed at the CX8 and CX9 model.

- How to encode the machine with the new encoding solution?

  The U disk is of necessity. 1. Load file U00 from machine; 2. Input the file U00 to the PC; 3. Output the password file U01 to U disk; 4. Input the file U01 to machine to finish the encoding.

- After the machine is coded , how to decode the machine with the New Encoding Solution?

  Same to that of the old solution, use the keyboard to input the password.

- Is the New Encoding Solution compatible to the Old Encoding Solution?

  Yes. If the embroidery has encoded with the Old Encoding Solution, you would still use that old password after the software is updated to the new one；

  Attention: if the embroidery machine is encoded with the New Encoding Solution, you will not be able to change the software to the old one. At that moment, the system will say "Data or Version Error, Can not Update".

- If I sell many machines to one client at one time , can I manage them with a easier method?

  Yes, of course. What you need is to set the same time interval and number of password on these machine. When you encode the machines on PC, please select several U00 file at same time. Thus the same password will be set in these machines.

- How could I protect my machine from being encoded by others?

  please refer to the content in the section "How to Prevent Other People from Encoding My Machine".

Common Problems/Questions

- To the different manufacturers, are the software "Payment Password Management System" in their machines identical?

    The software is the identical one. However, because the software needs to registration code for registering , the registration codes are different among the manufacturers. As a result, the software can only recognize the ID of certain manufacturer. Therefore, the machine can only be encoded by its own producer or the agent of that producer

- If I have many agents, how could I do?

    Dahao Company will give you several registration codes, which have the same main ID and different sub-IDs. You can give one of these codes to one agent so that only this agent can encode your machines, and agents of other manufacturers or other people can not encode that machine

- If I am an agent of several manufacturers, how should I do?

    Use "Payment Password Management System" on your PC and input several registration codes. Attention: use the registration code of the certain manufacturer to encode the machine from that certain manufacturer.

- How could I manage the password with the "Payment Password Management System"?

    The password is stored in the database of the computer, and the database is specially processed that unauthorized external approaching will be denied. In order to prevent the system crash and the computer virus, you should back up the database to U disk or to other computer by every 10, 20, or 30 days. Additionally, you can also print the data on a paper by every 30 days and file that paper.

- How could the agent A of a manufacturer do, in order to prevent agent B (another agent of the same manufacturer) from encoding agent A's main board?

    The agent A only needs use the method for protecting the mother board to set the mother board under his coverage.

Common Problems/Questions

- If my agent A sends me back a mother board, could I send it to agent B?

  Of course you can, as long as this mother board is not encoded by agent A. If agent A has encoded this mother board, you can use the method for protecting the mother board to set the mother board under your coverage, and then give that board to agent B.

- If A is no longer my agent, can I set some limits to him on encoding my machine?
  it is not easy. Method 1: you can apply a new registration code from the Dahao and then send the new registration code to your agent (The original registration code will also be saved). After that, you can use this code to protect your new machine that are unable to be encoded by agent A; Method 2: Send the new machine to the agents directly without the code protection, and the agent can encode the machine. For the machine sold by you, you can add the protection and set it as "unable to be encoded by agent" so that no agent can encode your machines. At this moment, if you need any agent to encode the machine, please set "enable to be encoded by agent" on that machine .

- If the password data of my machine is lost, how should I do?
  The password data will not be lost as long as the computer is not broken. If it is lost, you can use the old method to output the password file into the U disk and email that to Dahao Company. Dahao Company will tell you the password then.

- I am a manufacturer, how can I identify the mother board?
  The identification of mother board is depended on the character code that is automatically generated. Please fill the in the "Sale/Agent" and "Remarks" before the password File U01 is created. Then the corresponding content can be inquired and the connection between these information and mother board can also be established.

Thanks!